

2022

product overview



Industrial Lighting

圆顶灯系列 Ball top warning light series

GQ3		直径ø29mm	01
GQ5BX		直径ø52mm	02
GQ5RX		直径ø52mm	03
GQ6		直径ø63mm	04
GQ6X		直径ø63mm	05
GQ7S		直径ø72mm	06
GQ7SX		直径ø72mm	07
GQ7E		直径ø72mm	8-9
GQ7EX		直径ø72mm	10-11
GQ9		直径ø96mm	12-13
GQ9X		直径ø96mm	14-15
GQ12		直径ø116mm	16-17

多层灯系列 Tower lamp series

GM2		直径ø25mm	18
GX30		直径ø30mm	19-20
GM4S		直径ø40mm	21-22
GM4E		直径ø40mm	23-24
GK4		直径ø45mm	25-26
GF45		方形square45mm	27-28
GD5B		直径ø52mm	29
GD5BX		直径ø52mm	30
GJ5X		直径ø50mm	31
GL5A		直径ø52mm	32-34
GL5B		直径ø52mm	35-37
GL5		直径ø53mm	38-41
GM5S		直径ø52mm	42-43
GM5SX		直径ø52mm	44-45
GM5E		直径ø52mm	46-47
GM5EX		直径ø52mm	48-49
GN5X		直径ø52mm	50-51
GK5		直径ø55mm	52-53

GL6A		直径ø60mm	54-56
GL6C		直径ø60mm	57-59
GL6S		直径ø60mm	60-62
GL6SX		直径ø60mm	63-64
GL6U		直径ø60mm	65-67
GL6UX		直径ø60mm	68-69
GL7		直径ø70mm	70-73

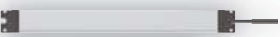
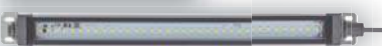
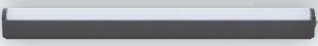
壁装式警示灯 Wall mounted warning light series

GW30		宽度wide30mm	74
GF8X		方形square80mm	75
GV8		宽度wide90mm	76
GV9		宽度wide90mm	77

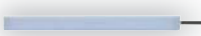
扬声器 Electronic Siren

DHBC		方形square95mm	78
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照明灯 Floodlight

GZM01		宽度wide30mm	79
GZM03		宽度wide150mm	80
GZM05		宽度wide40mm	81
GZM08		宽度wide32mm	82
GZM09		宽度wide32mm	83

线条灯 LED line lights

GF15		宽度wide15mm	84
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防爆灯 Explosion-proof lamp

GFB10		直径ø110mm	85
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通信协议警示灯 Communication protocol warning light

RS-485		modbus-rut Communication protocol	86
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 GQ5BX
  GF8X
  GQ9
  GM5E
  GL6U



GQ3

SERIES Ø29mm

警示灯/迷你型

Signal Light/Miniature Warning

- 超微型的球顶灯设计
- 精致的外观流线设计语言
- 灯罩表面光滑设计，不易附尘
- 灯罩棱镜光学设计，警示效果非常明显
- 支持集电极开路，PLC可以直接驱动
- Super miniature ball dome lamp design
- Exquisite appearance streamline design language
- Lampshade surface smooth design, not easy to dust
- Lamp shade prism optical design, warning effect is very obvious
- Support open collector, PLC can be driven directly



型号说明 (Select Code)

GQ3 - S 02 - R - C

① ② ③ ④

- | | |
|--|---|
| ① 发光形式: S = 侧面发光 | Luminescence: S=side luminescence |
| ② 额定电压: 01 = 12V/DC
02 = 24V/DC
11 = 110V/AC
22 = 220V/AC | Voltage: 01 = 12V/DC
02 = 24V/DC
11 = 110V/AC
22 = 220V/AC |
| ③ 发光颜色: 红色 = R
黄色 = Y
绿色 = G
蓝色 = B
白色 = W | Color: Red = R
Yellow = Y
Green = G
Blue = B
White = W |
| ④ 灯罩颜色: 空白 = 彩色
C = 透明色 | Lamp Shade Color: No letters=Color
C=Transparent color |

技术参数 (Technical Parameters)

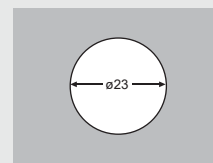
标准 Standard		IEC/EN 61000-6			
认证 Signal		CE			
环境温度 The environment temperature	贮存 Storage	-40°C~+70°C			
	工作 Operating	-25°C~+55°C			
工作湿度 Operating humidity		45 to 85%RH			
防护等级 Degree of Protection		IP65 Watertight/Oiltight			
材料 Material	灯罩 Lampshade	PC			
	灯体 Light body	ABS			
	螺母 Nut	ABS			
	密封垫 Gasket	橡胶 Rubber			
光源 Light source		LED			
额定绝缘电压 (UI) Rated insulation voltage	IEC60947-1	>800V			
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un			
额定电压 Rated Voltage		12V/DC	24V/DC	110V/AC	220V/AC
LED电流 LED Current	红色 Red	60mA	21mA	18mA	18mA
	黄色 Yellow	60mA	20mA	17mA	17mA
	绿色 Green	60mA	24mA	18mA	18mA
	蓝色 Blue	60mA	18mA	16mA	16mA
	白色 White	60mA	19mA	16mA	16mA
LED冲击电流 Surge current	所有颜色 All Colors	60mA	24mA	18mA	18mA
电气寿命 Electrical life		约50000小时 About 50,000 hours			
电缆 Cable		UL1007 AWG22 (L=200mm)			

尺寸图 (Size Chart)

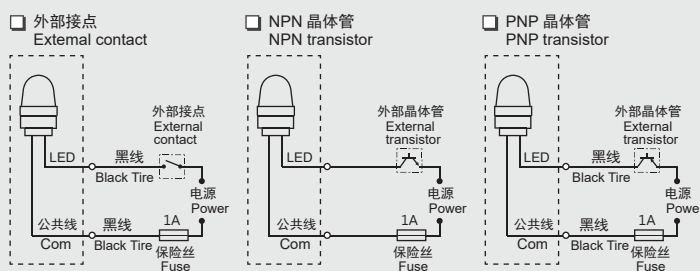
单位(Unit): mm



安装尺寸
Mounting dimensions



接线图 (Wiring Diagram)





GQ5BX | SERIES

ø52mm

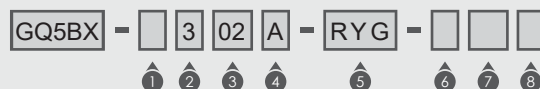
警示灯/单体多色型

Signal Light/Monomer Multicolor

- 球顶灯设计，光滑表面不易附着灰尘
- 精致的外观流线设计语言
- 单灯多色节约了设备的空间
- 多种安装方式适合不同的安装需求
- 带蜂鸣器设计在顶部，可以全方向的进行声音的传输
- Ball dome lamp design, smooth surface is not easy to adhere to dust
- Exquisite appearance streamline design language
- Single lamp multi-color saves the space of equipment
- Various installation methods meet different installation requirements
- The buzzer is designed at the top to transmit sound in all directions

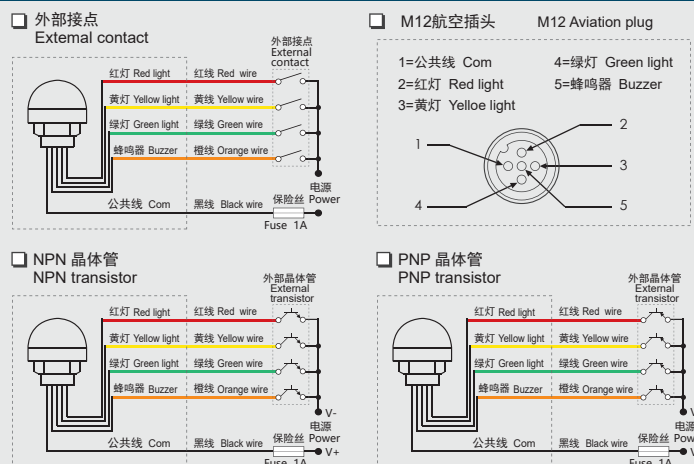


型号说明 (Select Code)



① 灯罩形状: R = 圆顶灯罩 P = 平顶灯罩	Lampshade shape: R = Dome lampshade P = Plane lampshade
② 颜色数量: 1 = 1个颜色 2 = 2个颜色 3 = 3个颜色 4 = 4个颜色	Number of colors: 1 = 1 Colors 2 = 2 Colors 3 = 3 Colors 4 = 4 Colors
③ 额定电压: 01 = 12V/DC 02 = 24V/DC	Voltage: 01 = 12V/DC 02 = 24V/DC
④ 声音方式: 无指定 = 无声音 A = 连续声	Sound way: Blank = None Sound way A = Continuous tone
⑤ 发光颜色: 红色 = R 黄色 = Y 绿色 = G 蓝色 = B 白色 = W	Color: Red = R Yellow = Y Green = G Blue = B White = W
⑥ 支架型号: 无指定 = 直接安装 A = 25A B = 22B C = 25C D = 25D E = 25E J = 25J K = 25K Z = 25Z	Stent models: None = Direct mount A = 25A B = 25B C = 25C D = 25D E = 25E J = 25J K = 25K Z = 25Z
⑦ 铝管长度: 10 = 10cm 20 = 20cm 30 = 30cm 40 = 40cm	Aluminum tube length: 10 = 10cm 20 = 20cm 30 = 30cm 40 = 40cm
⑧ 出线方式: 无指定 = 电缆 Q = M12航空插头	Round way: None = Cable A = M12 Aviation plug

接线图 (Wiring Diagram)

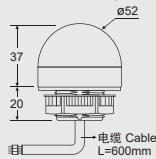


尺寸图 (Size Chart)

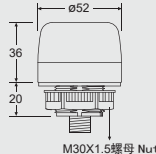
单位(Unit): mm

□ 直接安装 Direct mount

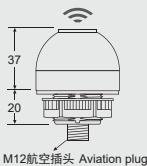
● 圆顶灯罩 Dome lampshade



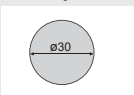
● 平顶灯罩 Plane lampshade



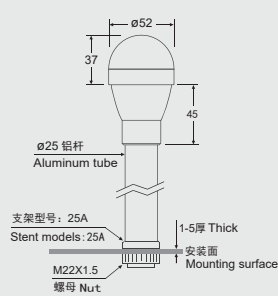
● 蜂鸣器 Buzzer



□ 安装尺寸 mounting dimensions



□ 杆式安装 Rod mount



可适配安装支架 Adjustable mounting bracket:
25A 22B 25C 25D 25E 25J 25K 25Z
详细尺寸请参考第9页!
Please refer to page 50 for detailed dimensions!

技术参数 (Technical Parameters)

标准 Standard		IEC/EN 61000-6
认证 Signal		CE
环境温度 The environment temperature	贮存 Storage	-40°C~+70°C
	工作 Operating	-25°C~+55°C
工作湿度 Operating humidity		45 to 85%RH
防护等级 Degree of Protection		IP65 Watertight/Oiltight
光源 Light source		LED
电压范围 Voltage range		V0.85~1.10Un
额定电压 Rated Voltage		12V/DC 24V/DC
LED 电流 LED Current	红色 Red	60mA 21mA
	黄色 Yellow	60mA 20mA
	绿色 Green	60mA 24mA
	蓝色 Blue	60mA 18mA
	白色 White	60mA 19mA
LED冲击电流 Surge current	所有颜色 All Colors	100mA 100mA
蜂鸣器 Buzzer	电流 Current	18mA
	音量 Volume	85dB
电气寿命 Electrical life		约50000小时 About 50,000 hours

GQ5RX | SERIES Ø52mm

警示灯/单体多色型 Signal Light/Monomer Multicolor

- 低矮型外观设计
- 精致的外观流线设计语言
- 单层可以显示多种颜色，非常适合紧凑型的设备
- Low profile design
- Exquisite appearance streamline design language
- Single layer can display a variety of colors, ideal for compact devices



型号说明 (Select Code)

GQ5RX - 3 02 A - RYG

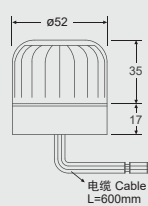
① ② ③ ④

- | | |
|--|--|
| ① 颜色数量: 1 = 1个颜色
2 = 2个颜色
3 = 3个颜色 | Number of colors: 1 = 1 Color
2 = 2 Colors
3 = 3 Colors |
| ② 额定电压: 01 = 12V/DC
02 = 24V/DC | Voltage: 01 = 12V/DC
02 = 24V/DC |
| ③ 声音方式: 无指定 = 无声音
A = 连续声
B = 间断音 | Sound way: Blank = None Sound way
A = Continuous tone
B = Intermittent sound |
| ④ 发光颜色: 红色 = R
黄色 = Y
绿色 = G
蓝色 = B
白色 = W | Color: Red = R
Yellow = Y
Green = G
Blue = B
White = W |

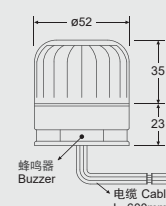
尺寸图 (Size Chart)

单位(Unit): mm

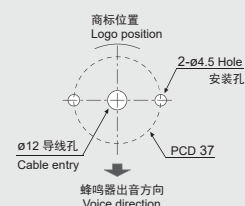
☐ LED常亮型
LED Steady



☐ LED常亮/蜂鸣型
LED Steady/Buzzer



☐ 安装尺寸
Mounting dimensions

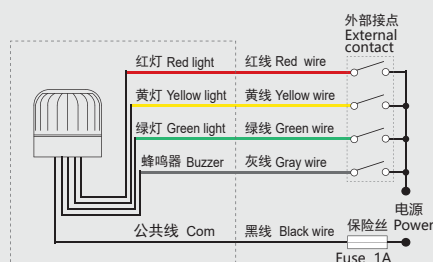


技术参数 (Technical Parameters)

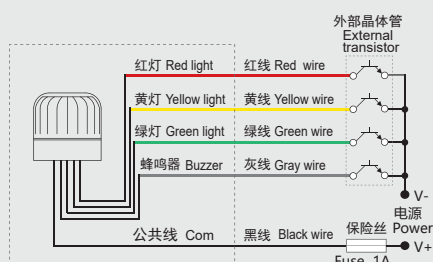
标准 Standard		IEC/EN 61000-6	
认证 Signal		CE	
环境温度 The environment temperature	贮存 Storage	-40°C~+70°C	
	工作 Operating	-25°C~+55°C	
工作湿度 Operating humidity		45 to 85%RH	
防护等级 Degree of Protection		IP54 Watertight/Oiltight	
光源 Light source		LED	
电压范围 Voltage range		V0.85~1.10Un	
额定电压 Rated Voltage		12V/DC	24V/DC
LED 电流 LED Current	红色 Red	30mA	16mA
	黄色 Yellow	30mA	16mA
	绿色 Green	30mA	16mA
	蓝色 Blue	30mA	16mA
	白色 White	30mA	16mA
LED冲击电流 Surge current	所有颜色 All Colors	60mA	40mA
蜂鸣器 Buzzer	电流 Current	18mA	
	音量 Volume	85dB	
电气寿命 Electrical life		约50000小时 About 50,000 hours	

接线图 (Wiring Diagram)

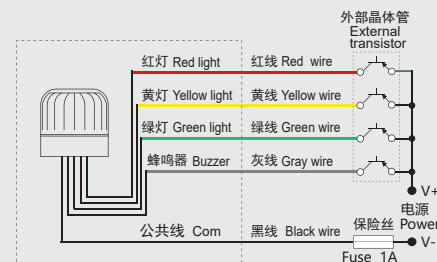
☐ 外部接点
External contact



☐ NPN 晶体管
NPN transistor



☐ PNP 晶体管
PNP transistor



GQ6S

SERIES Ø63mm

警示灯/小型

Signal Light/Small Size

- 小型化的半球顶灯设计
- 精致的外观流线设计语言
- 灯罩表面光滑设计，不易附尘
- 灯罩棱镜光学设计，警示效果非常明显
- 支持集电极开路，PLC可以直接驱动
- Miniaturized dome light design
- Exquisite appearance streamline design language
- Lampshade surface smooth design, not easy to dust
- Lamp shade prism optical design, warning effect is very obvious
- Support open collector, PLC can be driven directly



型号说明 (Select Code)

GQ6S - 02 R - - -

① ② ③ ④ ⑤

① 额定电压: 01 = 12V/DC
02 = 24V/DC
11 = 110V/AC
22 = 20V/AC

Voltage: 01 = 12V/DC
02 = 24V/DC
11 = 110V/AC
22 = 20V/AC

② 发光颜色: 红色 = R
黄色 = Y
绿色 = G
蓝色 = B
白色 = W

Color: Red = R
Yellow = Y
Green = G
Blue = B
White = W

③ 功能: 无指定 = 常亮
1 = 闪亮
2 = 转亮

Function: Blank = LED Steady
1 = LED Flashing
2 = LED Rotating light

④ 灯罩颜色: 空白 = 彩色
C = 透明色

Lamp Shade Color: No letters=Color
C=Transparent color

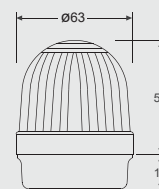
⑤ 支架型号: 无指定 = 直接安装
L = 70L

Stent models: None = Direct mount
L = 70L

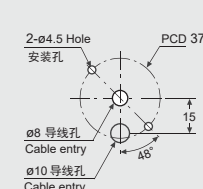
尺寸图 (Size Chart)

单位(Unit): mm

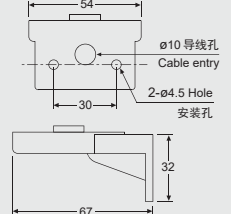
直接安装
Direct mount



安装尺寸
Mounting dimensions

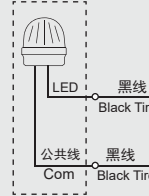


安装支架: 型号=70L
Mounting bracket: model=70L

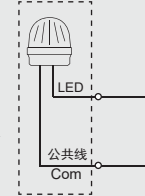


接线图 (Wiring Diagram)

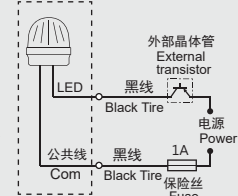
外部接点
External contact



NPN 晶体管
NPN transistor



PNP 晶体管
PNP transistor



技术参数 (Technical Parameters)

标准 Standard		IEC/EN 61000-6			
认证 Signal		CE			
环境温度 The environment temperature	贮存 Storage	-40°C~+70°C			
	工作 Operating	-25°C~+55°C			
工作湿度 Operating humidity		45 to 85%RH			
防护等级 Degree of Protection		IP65 Watertight/Oitight			
光源 Light source		LED			
额定绝缘电压 (UI) Rated insulation voltage	IEC60947-1	>800V			
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un			
额定电压 Rated Voltage		12V/DC	24V/DC	110V/AC	220V/AC
LED电流 LED Current	红色 Red	120mA	60mA	13mA	13mA
	黄色 Yellow	120mA	60mA	13mA	13mA
	绿色 Green	120mA	60mA	13mA	13mA
	蓝色 Blue	120mA	60mA	13mA	13mA
	白色 White	120mA	60mA	13 mA	13mA
LED冲击电流 Surge current	所有颜色 All Colors	200mA	100mA	100mA	100mA
频率 Frequency	闪亮 Flashing	约1Hz About 1Hz			
	转亮 Rotating light	约100转/分 About 100 r/min			
电气寿命 Electrical life		约50000小时 About 50,000 hours			
接线方式 Connection mode	电子线 Wire	UL1007 AWG22 (L=200mm)			
	连接端子 Connector	Screw TYPE PCB terminal, spacing 5.0mm-2p			

GQ6SX | SERIES

Ø63mm

警示灯/单体多色型

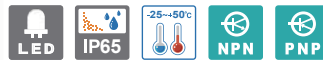
Signal Light/Monomer Multicolor



亮灯
效果



- 小型的球顶灯设计
- 一灯多色, 小巧又省空间
- 精致的外观流线设计语言
- 灯罩表面光滑设计, 不易附尘
- 灯罩棱镜光学设计, 警示效果非常明显
- 支持集电极开路, PLC可以直接驱动
- Small ball dome design
- A lamp multicolor, compact and save space
- Exquisite appearance streamline design language
- Lampshade surface smooth design, not easy to dust
- Lamp shade prism optical design, warning effect is very obvious
- Support open collector, PLC can be driven directly



型号说明 (Select Code)

GQ6SX - 3 02 - R Y G -

① 颜色数量: 1 = 1个颜色 2 = 2个颜色 3 = 3个颜色	Number of colors: 1 = 1 Color 2 = 2 Colors 3 = 3 Colors
② 额定电压: 01 = 12V/DC 02 = 24V/DC	Voltage: 01 = 12V/DC 02 = 24V/DC
③ 发光颜色: 红色 = R 黄色 = Y 绿色 = G 蓝色 = B 白色 = W	Color: Red = R Yellow = Y Green = G Blue = B White = W
④ 支架型号: 无指定 = 直接安装 L = 70L	Stent models: None = Direct mount L = 70L

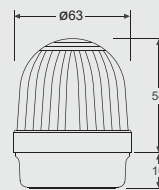
技术参数 (Technical Parameters)

标准 Standard		IEC/EN 61000-6
认证 Signal		CE
环境温度 The environment temperature	贮存 Storage	-40°C~+70°C
	工作 Operating	-25°C~+55°C
工作湿度 Operating humidity		45 to 85%RH
防护等级 Degree of Protection		IP65 Watertight/Oiltight
材料 Material	灯罩 Lampshade	PC
	灯体 Light body	ABS
光源 Light source		LED
额定绝缘电压 (UI) Rated insulation voltage	IEC60947-1	>800V
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un
额定电压 Rated Voltage		12V/DC 24V/DC
LED电流 LED Current	红色 Red	120mA 60mA
	黄色 Yellow	120mA 60mA
	绿色 Green	120mA 60mA
	蓝色 Blue	120mA 60mA
	白色 White	120mA 60mA
LED冲击电流 Surge current	所有颜色 All Colors	200mA 100mA
电气寿命 Electrical life		约50000小时 About 50,000 hours
接线方式 Connection mode	电子线 Wire	UL1007 AWG22 (L=200mm)

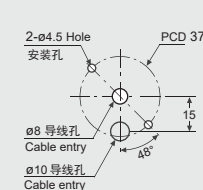
尺寸图 (Size Chart)

单位(Unit): mm

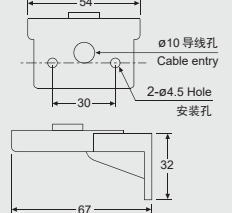
直接安装
Direct mount



安装尺寸
Mounting dimensions

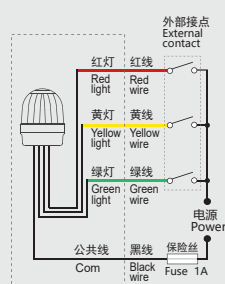


安装支架: 型号=70L
Mounting bracket: model=70L

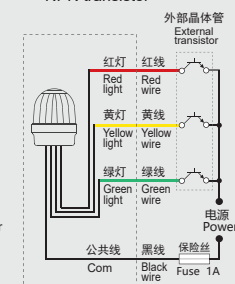


接线图 (Wiring Diagram)

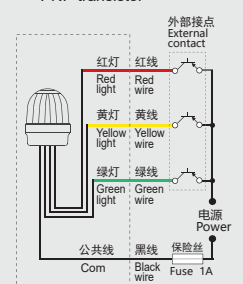
外部接点
External contact



NPN 晶体管
NPN transistor



PNP 晶体管
PNP transistor





GQ7S

SERIES Ø72mm

警示灯/小型

Signal Light/Small Size

- 小型化的半球顶灯设计
- 精致的外观流线设计语言
- 灯罩表面光滑设计, 不易附尘
- 灯罩棱镜光学设计, 警示效果非常明显
- 支持集电极开路, PLC可以直接驱动
- Miniaturized dome light design
- Exquisite appearance streamline design language
- Lampshade surface smooth design, not easy to dust
- Lamp shade prism optical design, warning effect is very obvious
- Support open collector, PLC can be driven directly



型号说明 (Select Code)

GQ7S - 02 R - - -

① ② ③ ④ ⑤

① 额定电压: 01 = 12V/DC
02 = 24V/DC
11 = 110V/AC
22 = 20V/AC

Voltage: 01 = 12V/DC
02 = 24V/DC
11 = 110V/AC
22 = 20V/AC

② 发光颜色: 红色 = R
黄色 = Y
绿色 = G
蓝色 = B
白色 = W

Color: Red = R
Yellow = Y
Green = G
Blue = B
White = W

③ 功能: 无指定 = 常亮
1 = 闪亮
2 = 转亮

Function: Blank = LED Steady
1 = LED Flashing
2 = LED Rotating light

④ 灯罩颜色: 空白 = 彩色
C = 透明色

Lamp Shade Color: No letters=Color
C=Transparent color

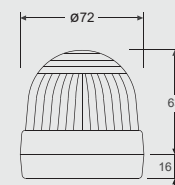
⑤ 支架型号: 无指定 = 直接安装
L = 70L

Stent models: Blank = Direct mount
L = 70L

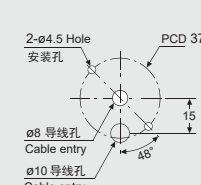
尺寸图 (Size Chart)

单位(Unit): mm

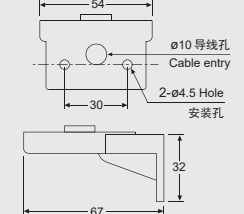
□ 直接安装
Direct mount



□ 安装尺寸
Mounting dimensions

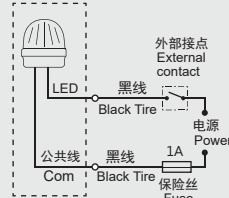


□ 安装支架: 型号=70L
Mounting bracket: model=70L

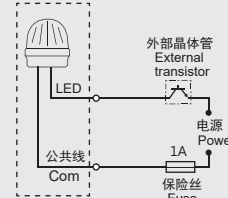


接线图 (Wiring Diagram)

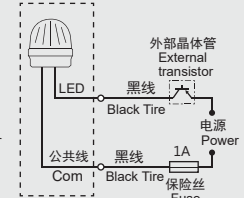
□ 外部接点
External contact



□ NPN 晶体管
NPN transistor



□ PNP 晶体管
PNP transistor



技术参数 (Technical Parameters)

标准 Standard		IEC/EN 61000-6			
认证 Signal		CE			
环境温度 The environment temperature	贮存 Storage	-40°C~+70°C			
	工作 Operating	-25°C~+55°C			
工作湿度 Operating humidity		45 to 85%RH			
防护等级 Degree of Protection		IP65 Watertight/Oitight			
光源 Light source		LED			
额定绝缘电压 (UI) Rated insulation voltage	IEC60947-1	>800V			
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un			
额定电压 Rated Voltage		12V/DC	24V/DC	110V/AC	220V/AC
LED电流 LED Current	红色 Red	120mA	60mA	13mA	13mA
	黄色 Yellow	120mA	60mA	13mA	13mA
	绿色 Green	120mA	60mA	13mA	13mA
	蓝色 Blue	120mA	60mA	13mA	13mA
	白色 White	120mA	60mA	13 mA	13mA
LED冲击电流 Surge current	所有颜色 All Colors	200mA	100mA	100mA	100mA
频率 Frequency	闪亮 Flashing	约1Hz About 1Hz			
	转亮 Rotating light	约100转/分 About 100 r/min			
电气寿命 Electrical life		约50000小时 About 50,000 hours			
接线方式 Connection mode	电子线 Wire	UL1007 AWG22 (L=200mm)			
	连接端子 Connector	Screw TYPE PCB terminal, spacing 5.0mm-2p			

GQ7SX | SERIES Ø63mm

警示灯/单体多色型 Signal Light/Monomer Multicolor



亮灯
效果



- 小型的球顶灯设计
- 一灯多色，小巧又省空间
- 精致的外观流线设计语言
- 灯罩表面光滑设计，不易附尘
- 灯罩棱镜光学设计，警示效果非常明显
- 支持集电极开路，PLC可以直接驱动
- Small ball dome design
- A lamp multicolor, compact and save space
- Exquisite appearance streamline design language
- Lampshade surface smooth design, not easy to dust
- Lamp shade prism optical design, warning effect is very obvious
- Support open collector, PLC can be driven directly



型号说明 (Select Code)

GQ7SX - 3 02 - R Y G -

- | | |
|--|--|
| ① 颜色数量: 1 = 1个颜色
2 = 2个颜色
3 = 3个颜色 | Number of colors: 1 = 1 Color
2 = 2 Colors
3 = 3 Colors |
| ② 额定电压: 01 = 12V/DC
02 = 24V/DC | Voltage: 01 = 12V/DC
02 = 24V/DC |
| ③ 发光颜色: 红色 = R
黄色 = Y
绿色 = G
蓝色 = B
白色 = W | Color: Red = R
Yellow = Y
Green = G
Blue = B
White = W |
| ④ 支架型号: 无指定 = 直接安装
L = 70L | Stent models: None = Direct mount
L = 70L |

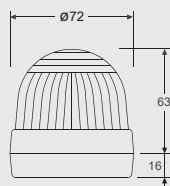
技术参数 (Technical Parameters)

标准 Standard		IEC/EN 61000-6
认证 Signal		CE
环境温度 The environment temperature	贮存 Storage	-40°C~+70°C
	工作 Operating	-25°C~+55°C
工作湿度 Operating humidity		45 to 85%RH
防护等级 Degree of Protection		IP65 Watertight/Oiltight
材料 Material	灯罩 Lampshade	PC
	灯体 Light body	ABS
光源 Light source		LED
额定绝缘电压 (UI) Rated insulation voltage	IEC60947-1	>800V
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un
额定电压 Rated Voltage		12V/DC 24V/DC
LED电流 LED Current	红色 Red	120mA 60mA
	黄色 Yellow	120mA 60mA
	绿色 Green	120mA 60mA
	蓝色 Blue	120mA 60mA
	白色 White	120mA 60mA
LED冲击电流 Surge current	所有颜色 All Colors	200mA 100mA
电气寿命 Electrical life		约50000小时 About 50,000 hours
接线方式 Connection mode	电子线 Wire	UL1007 AWG22 (L=200mm)

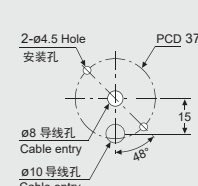
尺寸图 (Size Chart)

单位(Unit): mm

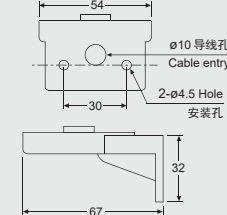
直接安装
Direct mount



安装尺寸
Mounting dimensions

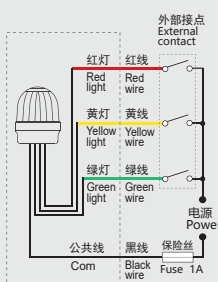


安装支架: 型号=70L
Mounting bracket: model=70L

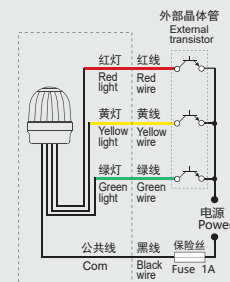


接线图 (Wiring Diagram)

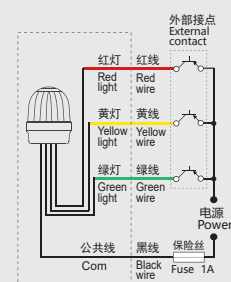
外部接点
External contact



NPN 晶体管
NPN transistor



PNP 晶体管
PNP transistor



GQ7E

SERIES Ø72mm

警示灯/小型

Signal Light/Small Size



- 小型化的半球顶灯设计
- 精致的外观流线设计语言
- 灯罩表面光滑设计，不易附尘
- 灯罩棱镜光学设计，警示效果非常明显
- 支持集电极开路，PLC可以直接驱动
- Miniaturized dome light design
- Exquisite appearance streamline design language
- Lampshade surface smooth design, not easy to dust
- Lamp shade prism optical design, warning effect is very obvious
- Support open collector, PLC can be driven directly



技术参数 (Technical Parameters)

标准 Standard		IEC/EN 61000-6			
认证 Signal		CE			
环境温度 The environment temperature	贮存 Storage	-40°C~-+70°C			
	工作 Operating	-25°C~-+55°C			
工作湿度 Operating humidity		45 to 85%RH			
防护等级 Degree of Protection		I P65 Watertight/Oitight			
材料 Material	灯罩 Lampshade	PC			
	灯体 Light body	PA66			
光源 Light source		LED			
额定绝缘电压 (UI) Rated insulation voltage	IEC60947-1	>800V			
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un			
额定电压 Rated Voltage		12V/DC	24V/DC	110V/AC	220V/AC
LED电流 LED Current	红色 Red	120mA	60mA	13mA	13mA
	黄色 Yellow	120mA	60mA	13mA	13mA
	绿色 Green	120mA	60mA	13mA	13mA
	蓝色 Blue	120mA	60mA	13mA	13mA
	白色 White	120mA	60mA	13 mA	13mA
LED冲击电流 Surge current	所有颜色 All Colors	200mA	100mA	100mA	100mA
频率 Frequency	闪亮 Flashing	约1Hz About 1Hz			
	转亮 Rotating light	约100转/分 About100 r/min			
蜂鸣器 Buzzer	电流 Current	18mA			
	音量 Volume	85dB			
电气寿命 Electrical life		约50000小时 About 50,000 hours			
接线方式 Connection mode	电子线 Wire	UL1007 AWG22 (L=200mm)			
	连接端子 Connector	Screw TYPE PCB terminal, spacing 5.0mm-2p			

型号说明 (Select Code)

GQ7E - 02 A - - - - -

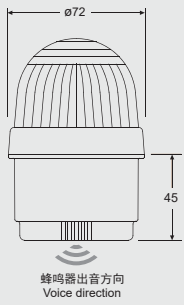
1 2 3 4 5 6 7

- 额定电压: 01 = 12V/DC
02 = 24V/DC
11 = 110V/AC
22 = 20V/AC
Voltage: 01 = 12V/DC
02 = 24V/DC
11 = 110V/AC
22 = 20V/AC
- 声音方式: 无指定 = 无声音
A = 连续声
B = 间断音
Sound way: Blank = None sound way
A = Continuous tone
B = Intermittent sound
- 发光颜色: 红色 = R
黄色 = Y
绿色 = G
蓝色 = B
白色 = W
Color: Red = R
Yellow = Y
Green = G
Blue = B
White = W
- 功能: 无指定 = 常亮
1 = 闪亮
2 = 转亮
Function: Blank = None LED Steady
1 = LED Flashing
2 = LED Rotating light
- 灯罩颜色: 空白 = 彩色
C = 透明色
Lamp Shade Color: No letters = Color
C = Transparent color
- 支架型号: 无指定 = 直接安装
A = 25A
B = 22B
C = 25C
D = 25D
E = 25E
J = 25J
K = 25K
Z = 25Z
L = 70L
Stent models: None = Direct mount
A = 25A
B = 22B
C = 25C
D = 25D
E = 25E
J = 25J
K = 25K
Z = 25Z
L = 70L
- 铝管长度: 10 = 10cm
20 = 20cm
30 = 30cm
40 = 40cm
Aluminum tube length: 10 = 10cm
20 = 20cm
30 = 30cm
40 = 40cm

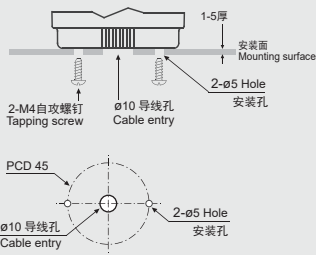
尺寸图 (Size Chart)

单位(Unit): mm

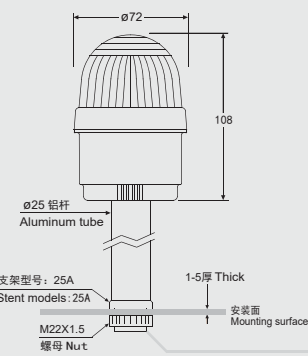
直接安装 Direct mount



安装尺寸 mounting dimensions



杆式安装 Rod mount



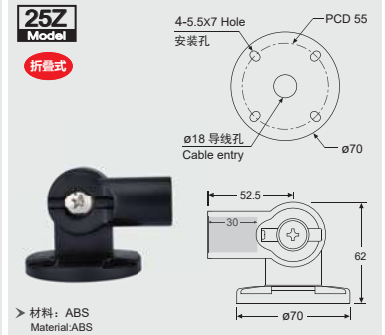
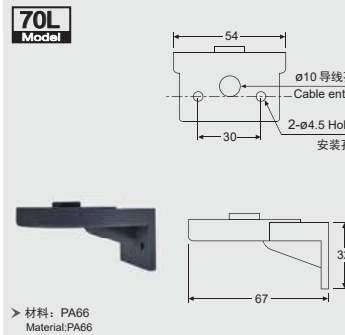
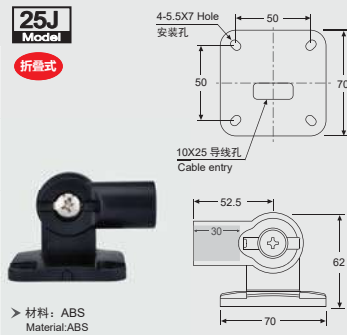
安装支架 Stent models



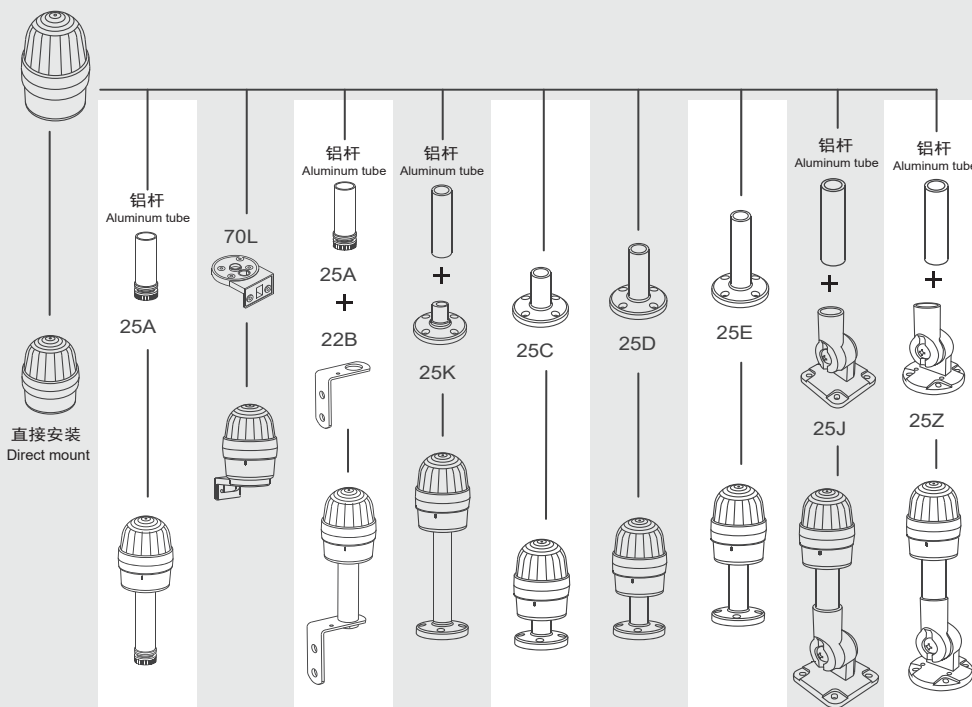
可适配安装支架 Adjustable mounting bracket:

25A 22B 25C 25D 25E 25J 25K 25Z 70L

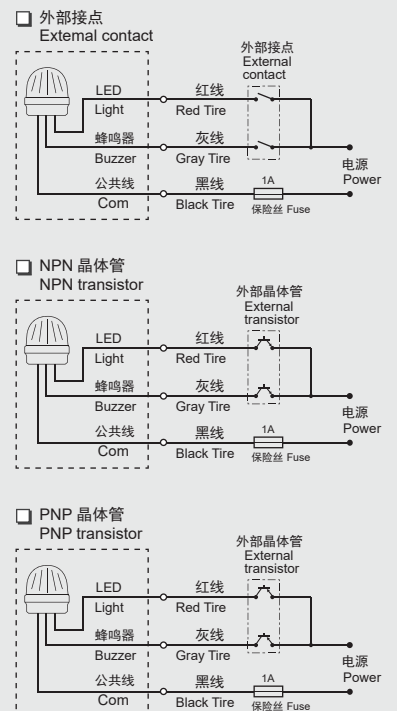
支架型号尺寸图 (Support model size diagram) 单位(Unit): mm



产品与安装支架装配示意图 (Assembly diagram of product and mounting bracket)



接线图 (Wiring Diagram)



GQ7EX | SERIES

Ø72mm

警示灯/单体多色型

Signal Light/Monomer Multicolor



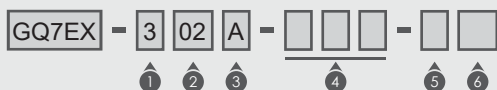
- 小型化的半球顶灯设计
- 精致的外观流线设计语言
- 灯罩表面光滑设计，不易附尘
- 灯罩棱镜光学设计，警示效果非常明显
- 支持集电极开路，PLC可以直接驱动
- Miniaturized dome light design
- Exquisite appearance streamline design language
- Lampshade surface smooth design, not easy to dust
- Lamp shade prism optical design, warning effect is very obvious
- Support open collector, PLC can be driven directly



技术参数 (Technical Parameters)

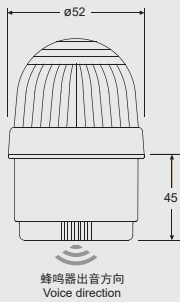
标准 Standard		IEC/EN 61000-6	
认证 Signal		CE	
环境温度 The environment temperature	贮存 Storage	-40°C~+70°C	
	工作 Operating	-25°C~+55°C	
工作湿度 Operating humidity		45 to 85%RH	
防护等级 Degree of Protection		IP65 Watertight/Oiltight	
材料 Material	灯罩 Lampshade	PC	
	灯体 Light body	PA66	
光源 Light source		LED	
额定绝缘电压 (UI) Rated insulation voltage	IEC60947-1	>800V	
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un	
额定电压 Rated Voltage		12V/DC	24V/DC
LED电流 LED Current	红色 Red	120mA	60mA
	黄色 Yellow	120mA	60mA
	绿色 Green	120mA	60mA
	蓝色 Blue	120mA	60mA
	白色 White	120mA	60mA
LED冲击电流 Surge current	所有颜色 All Colors	200mA	100mA
蜂鸣器 Buzzer	电流 Current	18mA	
	音量 Volume	85dB	
电气寿命 Electrical life		约50000小时 About 50,000 hours	
接线方式 Connection mode	电子线 Wire	UL1007 AWG22 (L=200mm)	

型号说明 (Select Code)

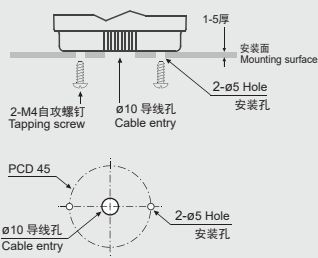


① 颜色数量: 1=1个颜色 2=2个颜色 3=3个颜色	Number of colors: 1 = 1 Color 2 = 2 Colors 3 = 3 Colors
② 额定电压: 01 = 12V/DC 02 = 24V/DC	Voltage: 01 = 12V/DC 02 = 24V/DC
③ 声音方式: 无指定 = 无声音 A = 连续声 B = 间断音	Sound way: Blank = None sound way A = Continuous tone B = Intermittent sound
④ 发光颜色: 红色 = R 黄色 = Y 绿色 = G 蓝色 = B 白色 = W	Color: Red = R Yellow = Y Green = G Blue = B White = W
⑤ 支架型号: 无指定 = 直接安装 A = 25A B = 22B C = 25C D = 25D	Stent models: None = Direct mount A = 25A B = 22B C = 25C D = 25D
⑥ 铝管长度: 10 = 10cm 20 = 20cm 30 = 30cm 40 = 40cm	Aluminum tube length: 10 = 10cm 20 = 20cm 30 = 30cm 40 = 40cm

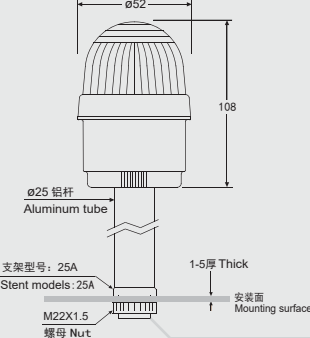
直接安装 Direct mount



安装尺寸 mounting dimensions



杆式安装 Rod mount



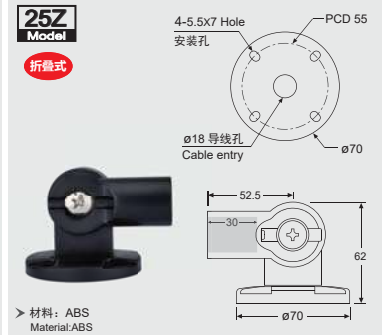
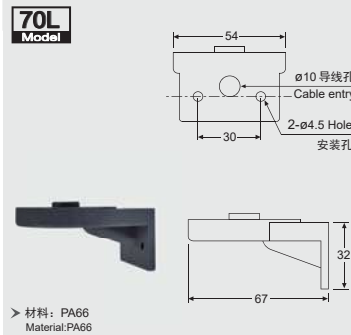
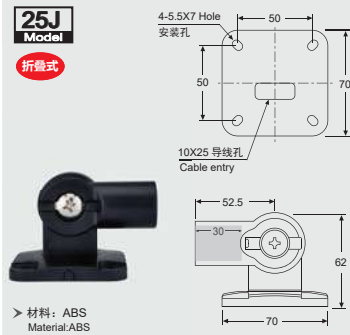
安装支架 Stent models



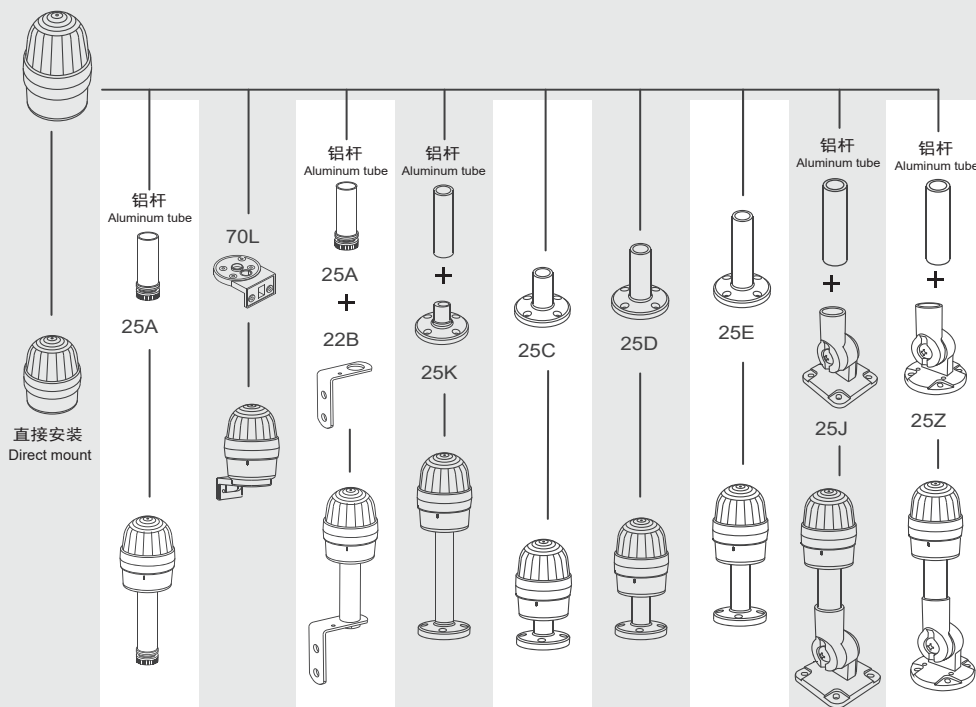
可适配安装支架 Adjustable mounting bracket:

25A 22B 25C 25D 25E 25J 25K 25Z 70L

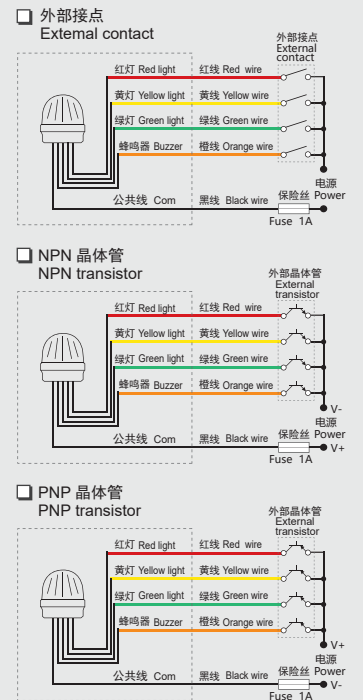
支架型号尺寸图 (Support model size diagram) 单位(Unit): mm



产品与安装支架装配示意图 (Assembly diagram of product and mounting bracket)



接线图 (Wiring Diagram)



GQ9

SERIES Ø96mm

警示灯/中型

Signal Light/Medium Size



- 中型化的半球顶灯设计
- 精致的外观流线设计语言
- 灯罩表面光滑设计，不易附尘
- 灯罩棱镜光学设计，警示效果非常明显
- 支持集电极开路，PLC可以直接驱动
- Medium size ball dome lamp design
- Exquisite appearance streamline design language
- Lampshade surface smooth design, not easy to dust
- Lamp shade prism optical design, warning effect is very obvious
- Support open collector, PLC can be driven directly



技术参数 (Technical Parameters)

标准 Standard		IEC/EN 61000-6			
认证 Signal		CE			
环境温度 The environment temperature	贮存 Storage	-40℃~-+70℃			
	工作 Operating	-25℃~-+55℃			
工作湿度 Operating humidity		45 to 85%RH			
防护等级 Degree of Protection		I P65 Watertight/Oiltight			
材料 Material	灯罩 Lampshade	PC			
	灯体 Light body	PA66			
光源 Light source		LED			
额定绝缘电压 (UI) Rated insulation voltage	IEC60947-1	>800V			
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un			
额定电压 Rated Voltage		12V/DC	24V/DC	110V/AC	220V/AC
LED电流 LED Current	红色 Red	120mA	60mA	13mA	13mA
	黄色 Yellow	120mA	60mA	13mA	13mA
	绿色 Green	120mA	60mA	13mA	13mA
	蓝色 Blue	120mA	60mA	13mA	13mA
	白色 White	120mA	60mA	13 mA	13mA
LED冲击电流 Surge current	所有颜色 All Colors	200mA	100mA	100mA	100mA
频率 Frequency	闪亮 Flashing	约1Hz About 1Hz			
	转亮 Rotating light	约100转/分 About100 r/min			
蜂鸣器 Buzzer	电流 Current	18mA			
	音量 Volume	85dB			
电气寿命 Electrical life		约50000小时 About 50,000 hours			
接线方式 Connection mode	电子线 Wire	UL1007 AWG22 (L=200mm)			
	连接端子 Connector	Screw TYPE PCB terminal, spacing 5.0mm-2p/3p			

型号说明 (Select Code)

GQ9 - 02 A - - - - -

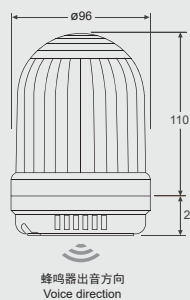
1 2 3 4 5 6 7

- 额定电压: 01 = 12V/DC Voltage: 01 = 12V/DC
02 = 24V/DC 02 = 24V/DC
11 = 110V/AC 11 = 110V/AC
22 = 20V/AC 22 = 20V/AC
- 声音方式: 无指定 = 无声音 Sound way: Blank = None sound way
A = 连续声 A = Continuous tone
B = 间断音 B = Intermittent sound
- 发光颜色: 红色 = R Color: Red = R
黄色 = Y Yellow = Y
绿色 = G Green = G
蓝色 = B Blue = B
白色 = W White = W
- 功能: 无指定 = 常亮 Function: Blank = LED Steady
1 = 闪亮 1 = LED Flashing
2 = 转亮 2 = LED Rotating light
- 灯罩颜色: 空白 = 彩色 Lamp Shade Color: No letters=Color
C = 透明色 C=Transparent color
- 支架型号: 无指定 = 直接安装 Stent models: None = Direct mount
A = 25A E = 25E
B = 22B J = 25J
C = 25C K = 25K
D = 25D Z = 25Z
L = 90L
- 铝管长度: 10 = 10cm Aluminum tube length: 10 = 10cm
20 = 20cm 20 = 20cm
30 = 30cm 30 = 30cm
40 = 40cm 40 = 40cm

尺寸图 (Size Chart)

单位(Unit): mm

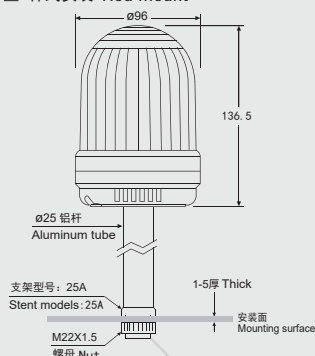
直接安装 Direct mount



安装尺寸 mounting dimensions



杆式安装 Rod mount

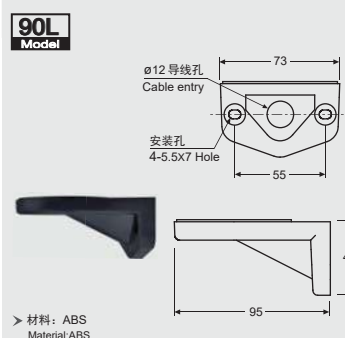
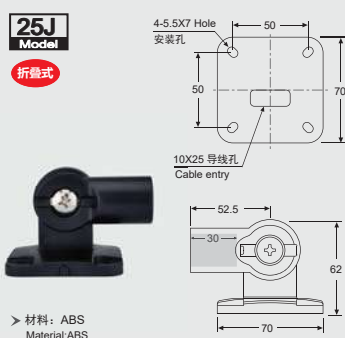


安装支架 Stent models

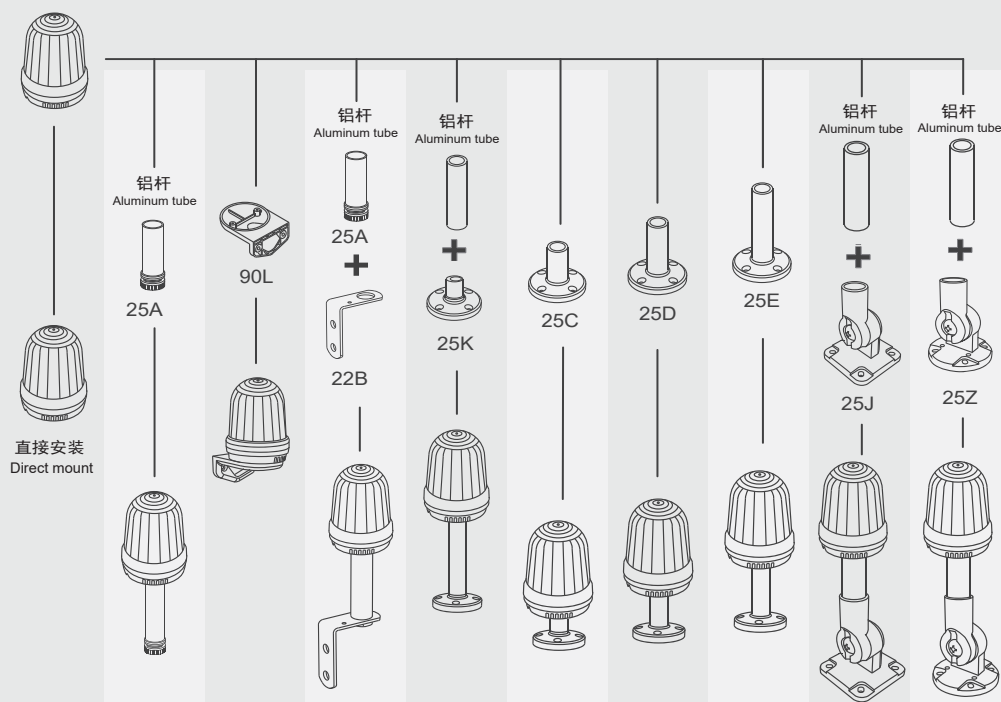


可适配安装支架 Adjustable mounting bracket:
25A 22B 25C 25D 25E 25J 25K 25Z 90L

支架型号尺寸图 (Support model size diagram) 单位(Unit): mm

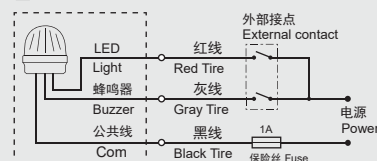


产品与安装支架装配示意图 (Assembly diagram of product and mounting bracket)

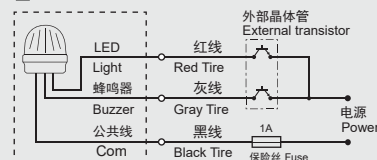


接线图 (Wiring Diagram)

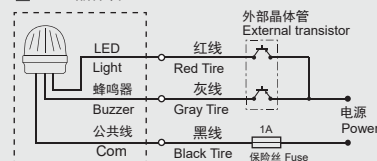
外部接点 External contact



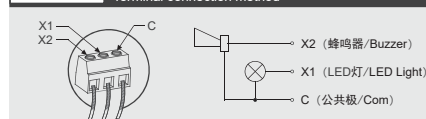
NPN 晶体管 NPN transistor



NPN 晶体管 NPN transistor



端子接线方式 Terminal connection method



GQ9X

SERIES Ø96mm

警示灯/单体多色型

Signal Light/Monomer Multicolor

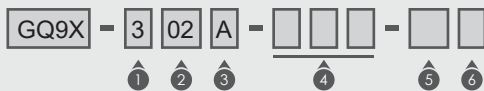
- 中型化的半球顶灯设计
- 精致的外观流线设计语言
- 灯罩表面光滑设计，不易附尘
- 灯罩棱镜光学设计，警示效果非常明显
- 支持集电极开路，PLC可以直接驱动
- Medium size ball dome lamp design
- Exquisite appearance streamline design language
- Lampshade surface smooth design, not easy to dust
- Lamp shade prism optical design, warning effect is very obvious
- Support open collector, PLC can be driven directly



技术参数 (Technical Parameters)

标准 Standard	IEC/EN 61000-6		
认证 Signal	CE		
环境温度 The environment temperature	贮存 Storage	-40℃~+70℃	
	工作 Operating	-25℃~+55℃	
工作湿度 Operating humidity	45 to 85%RH		
防护等级 Degree of Protection	I P65 Watertight/Oiltight		
材料 Material	灯罩 Lampshade	PC	
	灯体 Light body	PA66	
光源 Light source	LED		
额定绝缘电压 (U1) Rated insulation voltage	IEC60947-1	>800V	
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un	
额定电压 Rated Voltage		12V/DC	24V/DC
LED电流 LED Current	红色 Red	120mA	60mA
	黄色 Yellow	120mA	60mA
	绿色 Green	120mA	60mA
	蓝色 Blue	120mA	60mA
	白色 White	120mA	60mA
LED冲击电流 Surge current	所有颜色 All Colors	200mA	100mA
蜂鸣器 Buzzer	电流 Current	18mA	
	音量 Volume	85dB	
电气寿命 Electrical life	约50000小时 About 50,000 hours		
接线方式 Connection mode	电子线 Wire	UL1007 AWG22 (L=200mm)	

型号说明 (Select Code)

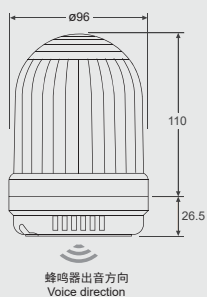


- 颜色数量: 1=1个颜色
2=2个颜色
3=3个颜色
Number of colors: 1 = 1 Color
2 = 2 Colors
3 = 3 Colors
- 额定电压: 01 = 12V/DC
02 = 24V/DC
Voltage: 01 = 12V/DC
02 = 24V/DC
- 声音方式: 无指定 = 无声音
A = 连续声
B = 间断音
Sound way: Blank = None sound way
A = Continuous tone
B = Intermittent sound
- 发光颜色: 红色 = R
黄色 = Y
绿色 = G
蓝色 = B
白色 = W
Color: Red = R
Yellow = Y
Green = G
Blue = B
White = W
- 支架型号: 无指定 = 直接安装
A = 25A
B = 22B
C = 25C
D = 25D
E = 25E
J = 25J
K = 25K
Z = 25Z
L = 90L
Stent models: None = Direct mount
A = 25A
B = 22B
C = 25C
D = 25D
E = 25E
J = 25J
K = 25K
Z = 25Z
L = 90L
- 铝管长度: 10 = 10cm
20 = 20cm
30 = 30cm
40 = 40cm
Aluminum tube length: 10 = 10cm
20 = 20cm
30 = 30cm
40 = 40cm

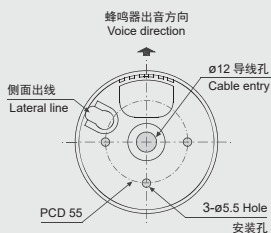
尺寸图 (Size Chart)

单位(Unit): mm

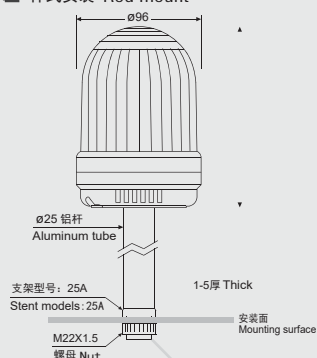
直接安装 Direct mount



安装尺寸 mounting dimensions



杆式安装 Rod mount



安装支架 Stent models

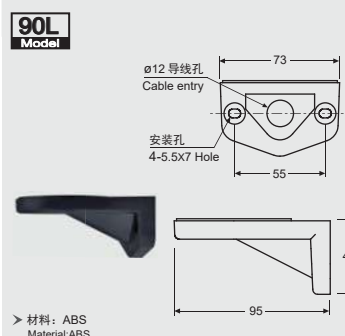
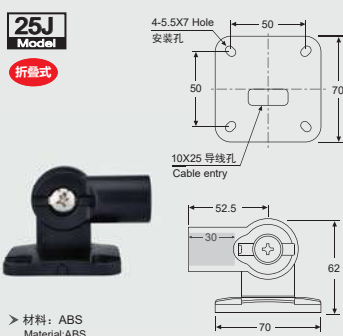
25A Model



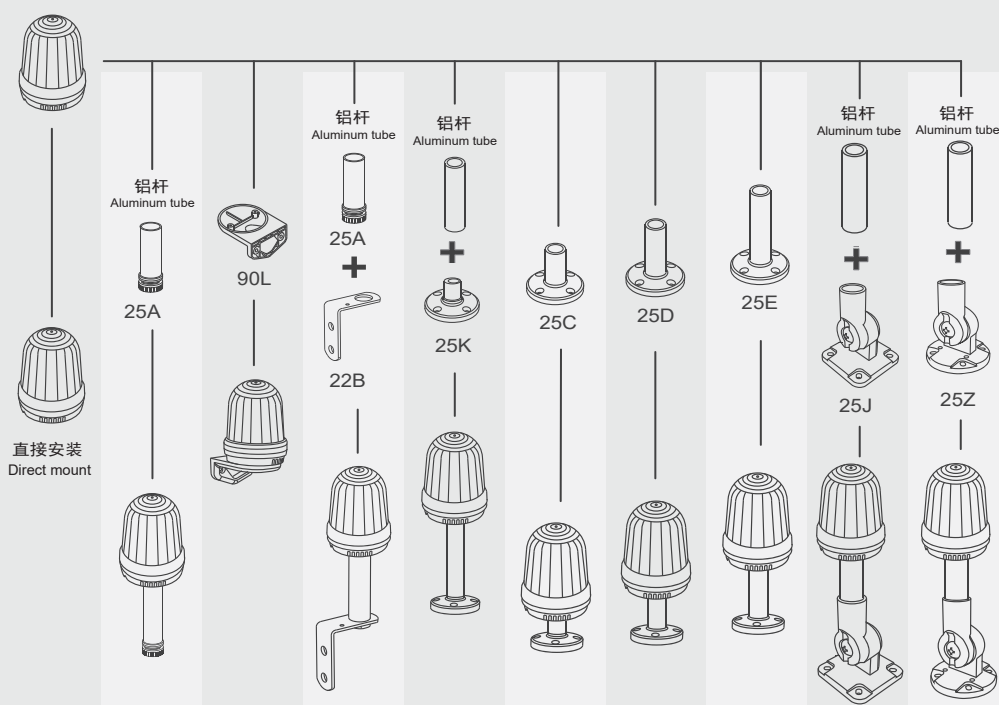
可适配安装支架 Adjustable mounting bracket:

25A 22B 25C 25D 25E 25J 25K 25Z 90L

支架型号尺寸图 (Support model size diagram) 单位(Unit): mm

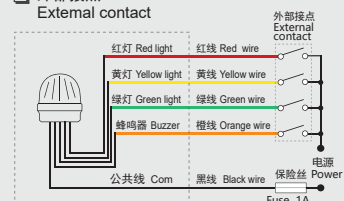


产品与安装支架装配示意图 (Assembly diagram of product and mounting bracket)

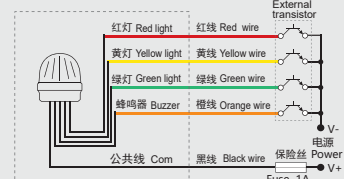


接线图 (Wiring Diagram)

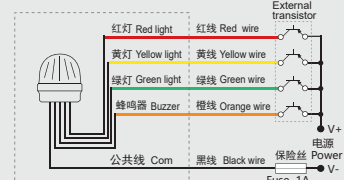
外部接点 External contact



NPN 晶体管 NPN transistor



PNP 晶体管 PNP transistor



GQ12

SERIES Ø116mm

警示灯/大型 Signal Light/Large Size

- 大型化的半球顶灯设计
- 精致的外观流线设计语言
- 灯罩表面光滑设计，不易附尘
- 灯罩棱镜光学设计，警示效果非常明显
- 支持集电极开路，PLC可以直接驱动
- Medium size ball dome lamp design
- Exquisite appearance streamline design language
- Lampshade surface smooth design, not easy to dust
- Lamp shade prism optical design, warning effect is very obvious
- Support open collector, PLC can be driven directly



技术参数 (Technical Parameters)

标准 Standard	IEC/EN 61000-6	
认证 Signal	CE	
环境温度 The environment temperature	贮存 Storage	-40°C~+70°C
	工作 Operating	-25°C~+55°C
工作湿度 Operating humidity	45 to 85%RH	
防护等级 Degree of Protection	IP65 Watertight/Oiltight	
材料 Material	灯罩 Lampshade	PC
	灯体 Light body	PA66
光源 Light source	LED	
额定绝缘电压 (UI) Rated insulation voltage	IEC60947-1	>800V
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un
额定电压 Rated Voltage	12V/DC	24V/DC 110V/AC 220V/AC
LED电流 LED Current	红色 Red	120mA 60mA 13mA 13mA
	黄色 Yellow	120mA 60mA 13mA 13mA
	绿色 Green	120mA 60mA 13mA 13mA
	蓝色 Blue	120mA 60mA 13mA 13mA
	白色 White	120mA 60mA 13mA 13mA
LED冲击电流 Surge current	所有颜色 All Colors	200mA 100mA 100mA 100mA
频率 Frequency	闪亮 Flashing	约1Hz About 1Hz
	转亮 Rotating light	约100转/分 About 100 r/min
蜂鸣器 Buzzer	电流 Current	18mA
	音量 Volume	85dB
电气寿命 Electrical life	约50000小时 About 50,000 hours	
接线方式 Connection mode	电子线 Wire	UL1007 AWG22 (L=200mm)
	连接端子 Connector	Screw TYPE PCB terminal, spacing 5.0mm-2p/3p

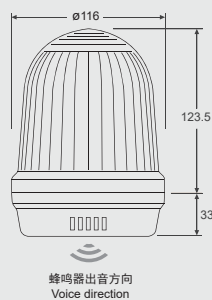
型号说明 (Select Code)

GQ12 - 02 A - - - - -

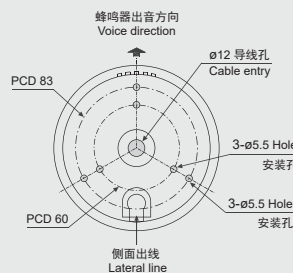
① ② ③ ④ ⑤ ⑥ ⑦

- 额定电压: 01 = 12V/DC Voltage: 01 = 12V/DC
02 = 24V/DC 02 = 24V/DC
11 = 110V/AC 11 = 110V/AC
22 = 220V/AC 22 = 220V/AC
- 声音方式: 无指定 = 无声音 Sound way: Blank = None sound way
A = 连续声 A = Continuous tone
B = 间断音 B = Intermittent sound
- 发光颜色: 红色 = R Color: Red = R
黄色 = Y Yellow = Y
绿色 = G Green = G
蓝色 = B Blue = B
白色 = W White = W
- 功能: 无指定 = 常亮 Function: Blank = LED Steady
1 = 闪亮 1 = LED Flashing
2 = 转亮 2 = LED Rotating light
- 灯罩颜色: 空白 = 彩色 Lamp Shade Color: No letters=Color
C = 透明色 C=Transparent color
- 支架型号: 无指定 = 直接安装 Stent models: None = Direct mount
A = 25A E = 25E
B = 22B J = 25J
C = 25C K = 25K
D = 25D Z = 25Z
L = 90L
- 铝管长度: 10 = 10cm Aluminum tube length: 10 = 10cm
20 = 20cm 20 = 20cm
30 = 30cm 30 = 30cm
40 = 40cm 40 = 40cm

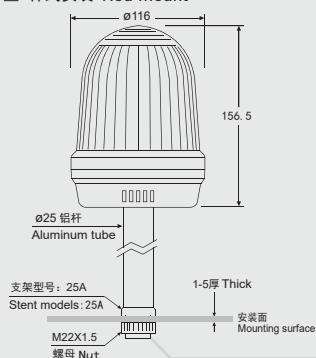
直接安装 Direct mount



安装尺寸 mounting dimensions



杆式安装 Rod mount

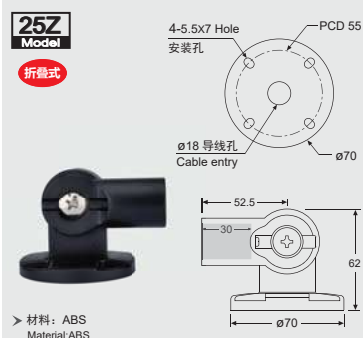
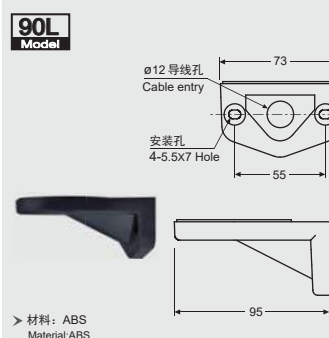
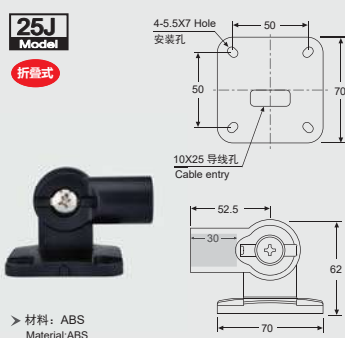


安装支架 Stent models

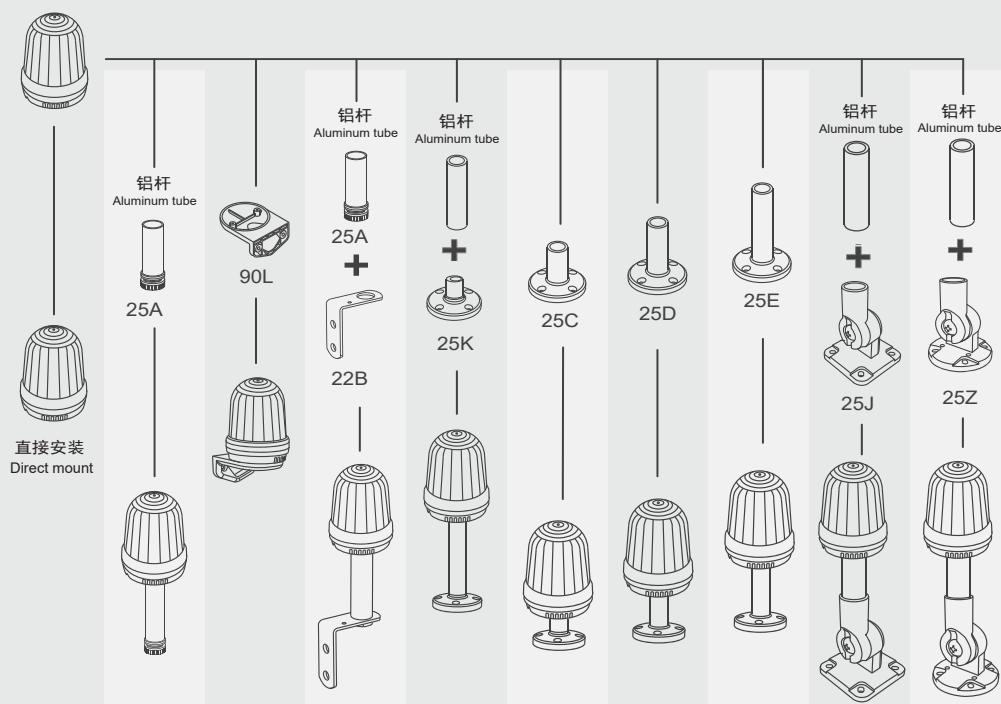


可适配安装支架 Adjustable mounting bracket:
25A 22B 25C 25D 25E 25J 25K 25Z 90L

支架型号尺寸图 (Support model size diagram) 单位(Unit): mm

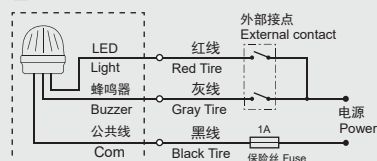


产品与安装支架装配示意图 (Assembly diagram of product and mounting bracket)

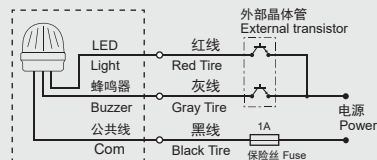


接线图 (Wiring Diagram)

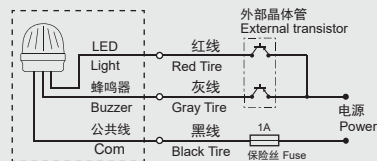
外部接点 External contact



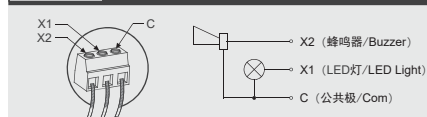
NPN 晶体管 NPN transistor



NPN 晶体管 NPN transistor



端子接线方式 Terminal connection method



GM2

SERIES Ø25mm

多层信号灯 Tower lamp

- ✧ 外径25mm, 超MINI型设计
- ✧ 精致的外观流线设计语言
- ✧ LED模块可以自由组合, 可以自由增减
- ✧ LED模块在任何一层都不影响线的定义
- ✧ 增加或减少LED模块需要更换中心螺栓
- ✧ Outside diameter 25mm, super MINI design
- ✧ Exquisite appearance streamline design language
- ✧ LED modules can be combined freely, and can be added or removed freely
- ✧ LED modules at any level do not affect the definition of lines
- ✧ Center bolts need to be replaced to add or remove LED modules

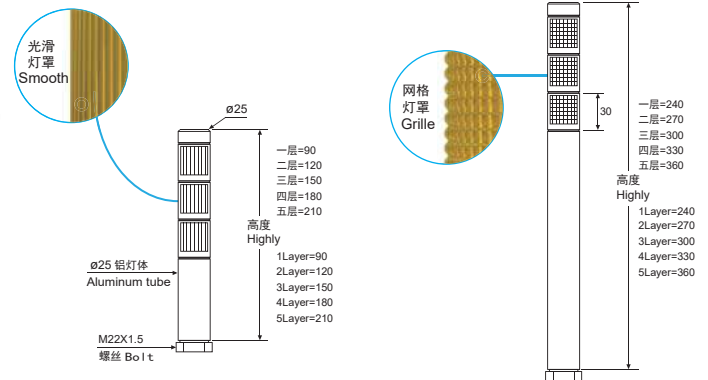


尺寸图 (Size Chart)

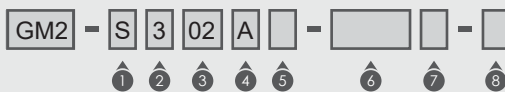
单位(Unit): mm

短灯体 Dwarf body

标准灯体 Standard body

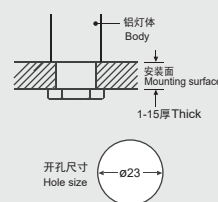


型号说明 (Select Code)

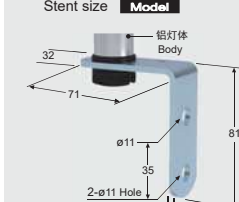


- | | |
|--|---|
| 1 灯体: 无指定 = 标准型
S = 矮灯体 | Body: Blank = Standard body
S = Dwarf body |
| 2 层数: 1 = 1层
2 = 2层
3 = 3层
4 = 4层
5 = 5层 | Layer number: 1 = 1 Layer
2 = 2 Layer
3 = 3 Layer
4 = 4 Layer
5 = 5 Layer |
| 3 额定电压: 01 = 12V/DC
02 = 24V/DC | Voltage: 01 = 12V/DC
02 = 24V/DC |
| 4 灯体颜色: 空白 = 黑色
A = 银白色 | Body color: None = Black
A = Silver |
| 5 灯罩外观: 空白 = 光滑
M = 网格 | Lens: Blank = Smooth
M = Grille |
| 6 发光颜色: 红色 = R
黄色 = Y
绿色 = G
蓝色 = B
白色 = W | Color: Red = R
Yellow = Y
Green = G
Blue = B
White = W |
| 7 灯罩颜色: 空白 = 彩色
C = 透明色 | Lamp Shade Color: No letters=Color
C=Transparent color |
| 8 支架型号: 无指定 = 直接安装
B = 22B | Stent models: None = Direct mount
B = 22B |

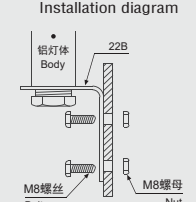
直接安装 Direct mount



支架尺寸 22B Model



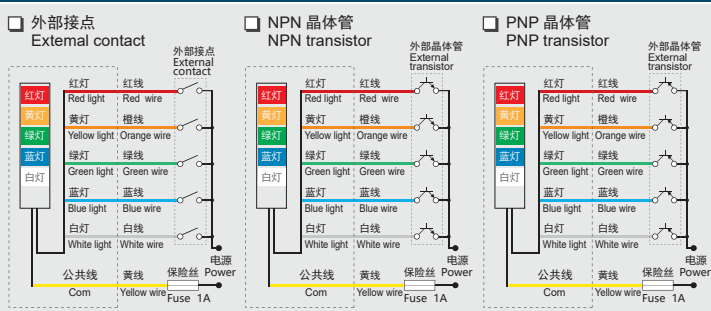
安装示意图 Installation diagram



技术参数 (Technical Parameters)

标准 Standard		IEC/EN 61000-6
认证 Signal		CE
环境温度 The environment temperature	贮存 Storage	-40°C~+70°C
	工作 Operating	-25°C~+55°C
工作湿度 Operating humidity		45 to 85%RH
防护等级 Degree of Protection		IP65 Watertight/Oitight
光源 Light source		LED
额定绝缘电压 (UI) Rated insulation voltage	IEC60947-1	>800V
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un
额定电压 Rated Voltage		12V/DC 24V/DC
LED电流 LED Current	所有颜色 All Colors	30mA 18mA
LED冲击电流 Surge current	所有颜色 All Colors	100mA 100mA
电气寿命 Electrical life		约50000小时 About 50,000 hours
电缆 Cable		UL1007 AWG22 (L=800mm)

接线图 (Wiring Diagram)



GX30

SERIES Ø30mm

多层信号灯 Tower lamp



- ✧ 外径30mm, 超MINI型设计
- ✧ 精致的外观流线设计语言
- ✧ LED模块可以自由组合, 可以自由增减
- ✧ LED模块在任何一层都不影响线的定义
- ✧ 增加或减少LED模块需要更换中心螺栓
- ✧ Outside diameter 30mm, super MINI design
- ✧ Exquisite appearance streamline design language
- ✧ LED modules can be combined freely, and can be added or removed freely
- ✧ LED modules at any level do not affect the definition of lines
- ✧ Center bolts need to be replaced to add or remove LED modules



技术参数 (Technical Parameters)

标准 Standard		IEC/EN 61000-6	
认证 Signal		CE	
环境温度 The environment temperature	贮存 Storage	-40°C~+70°C	
	工作 Operating	-25°C~+55°C	
工作湿度 Operating humidity		45 to 85%RH	
防护等级 Degree of Protection		I P65 Watertight/Oiltight	
材料 Material	灯罩 Lampshade	PC	
	灯体 Light body	ABS	
光源 Light source		LED	
额定绝缘电压 (UI) Rated insulation voltage	IEC60947-1	>800V	
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un	
额定电压 Rated Voltage		12V/DC	24V/DC
LED电流 LED Current	红色 Red	30mA	18mA
	黄色 Yellow	30mA	18mA
	绿色 Green	30mA	18mA
	蓝色 Blue	30mA	18mA
	白色 White	30mA	18mA
LED冲击电流 Surge current	所有颜色 All Colors	100mA	100mA
蜂鸣器 Buzzer	电流 Current	18mA	
	音量 Volume	85dB	
电气寿命 Electrical life		约50000小时 About 50,000 hours	
接线方式 Connection mode	电子线 Wire	UL1007 AWG22 (L=800mm)	
	航插 Aviation plug	M12-5Pin / M12-8Pin	

型号说明 (Select Code)

GX30 - 3 02 A - R Y G B W - 5 6 7

1 2 3 4 5 6 7

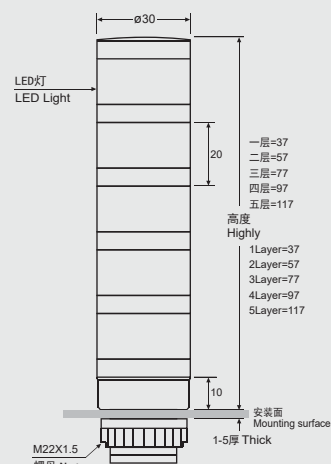
上Up 下Down

- 层数: 1 = 1层
2 = 2层
3 = 3层
4 = 4层
5 = 5层
Layer number: 1 = 1 Layer
2 = 2 Layer
3 = 3 Layer
4 = 4 Layer
5 = 5 Layer
- 额定电压: 01 = 12V/DC
02 = 24V/DC
Voltage: 01 = 12V/DC
02 = 24V/DC
- 声音方式: 无指定 = 无声音
A = 连续声
Sound way: Blank = None sound way
A = Continuous tone
- 发光颜色: 红色 = R
黄色 = Y
绿色 = G
蓝色 = B
白色 = W
Color: Red = R
Yellow = Y
Green = G
Blue = B
White = W
- 支架型号: 无指定 = 直接安装
A = 25A
B = 22B
K = 25K
J = 25J
Z = 25Z
Stent models: None = Direct mount
A = 25A
B = 25B
C = 25C
D = 25D
Z = 25Z
- 铝管长度: 10 = 10cm
20 = 20cm
30 = 30cm
40 = 40cm
Aluminum tube length: 10 = 10cm
20 = 20cm
30 = 30cm
40 = 40cm
- 出线方式: 无指定 = 电缆
Q = M12航空插头
Round way: None = Cable
A = M12 Aviation plug

尺寸图 (Size Chart)

单位(Unit): mm

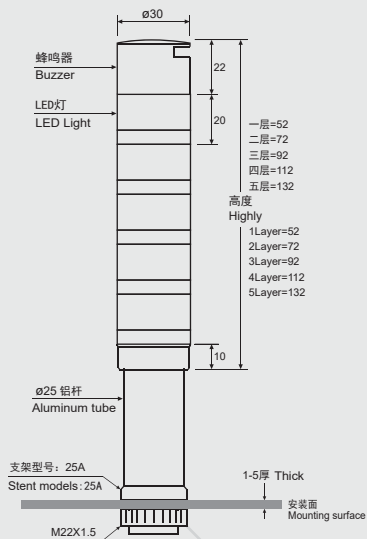
直接安装 Direct mount



安装尺寸 mounting dimensions



杆式安装 Rod mount

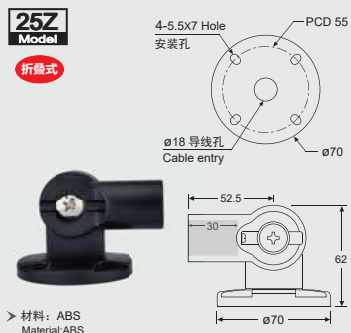
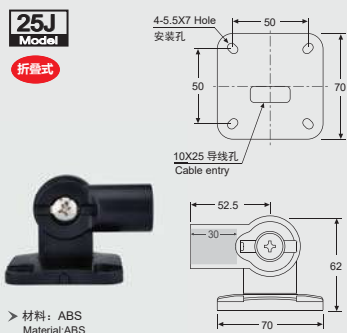


安装支架 Stent models

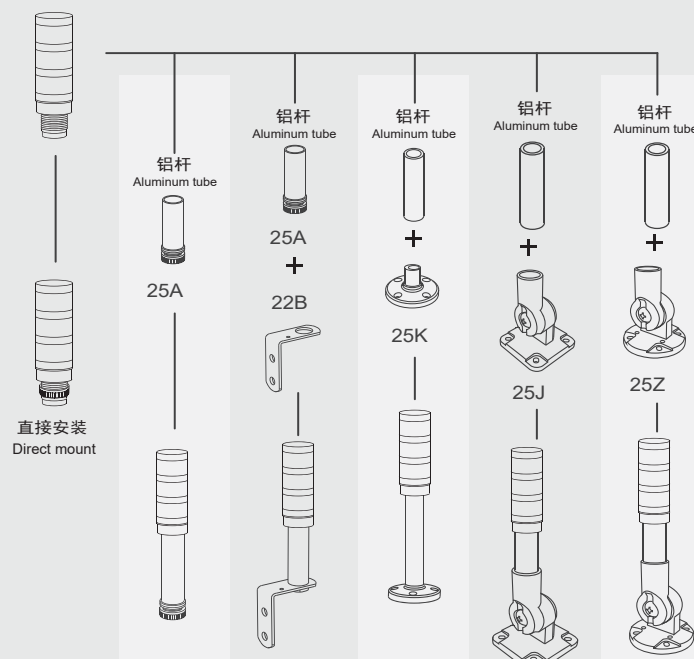


可适配安装支架 Adjustable mounting bracket:
25A 22B 25J 25K 25Z

支架型号尺寸图 (Support model size diagram) 单位(Unit): mm

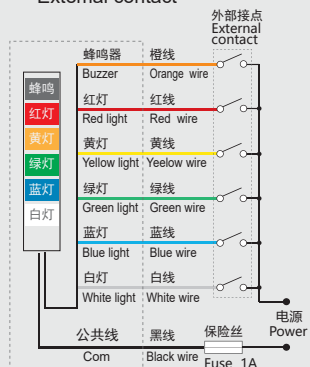


装配示意图 (Assembly diagram)

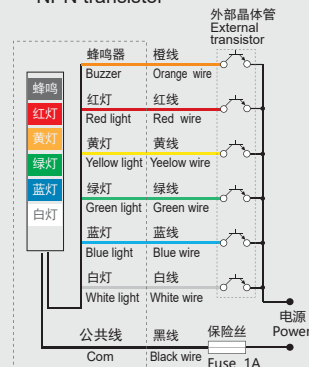


接线图 (Wiring Diagram)

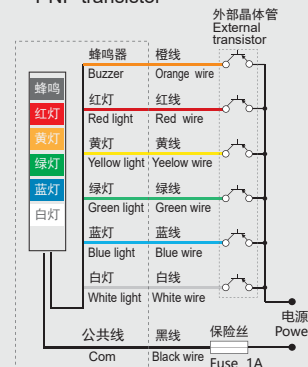
外部接口 External contact



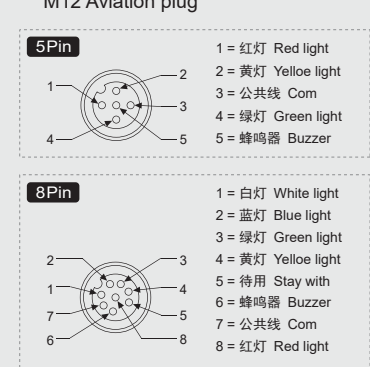
NPN 晶体管 NPN transistor



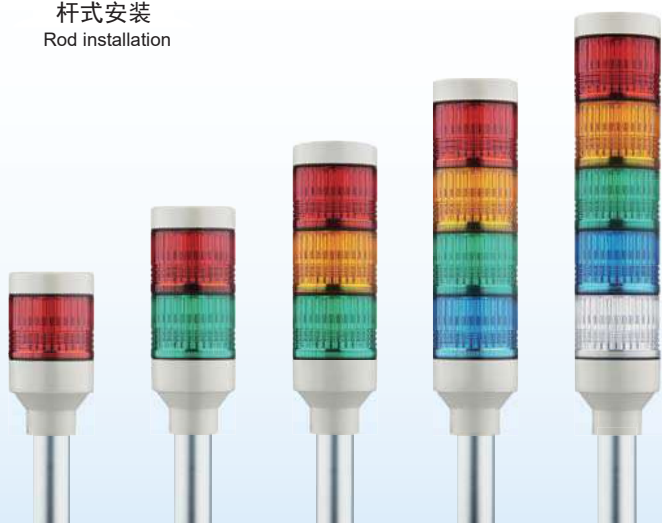
PNP 晶体管 PNP transistor



M12航空插头 M12 Aviation plug



杆式安装
Rod installation



直接安装
Installed directly



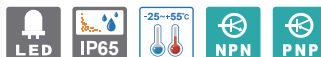
GM4S

SERIES Ø40mm

多层信号灯

Tower lamp

- 小型外观设计, 适用小型精密设备
- 颜色明亮, 具有良好的警示效果
- 信号线的颜色对应灯的颜色, 便于接线
- 可以自由增加或减少LED颜色的数量
- 改变LED的排列顺序无需重新接线
- Small appearance design, suitable for small precision equipment
- The color is bright and has good warning effect
- The color of the signal cable corresponds to that of the lamp, which facilitates wiring
- Free to increase or decrease the number of LED colors
- Rewiring is not required to change the LED sequence



技术参数 (Technical Parameters)

标准 Standard	IEC/EN 61000-6	
认证 Signal	CE	
环境温度 The environment temperature	贮存 Storage	-40°C~+70°C
	工作 Operating	-25°C~+55°C
工作湿度 Operating humidity	45 to 85%RH	
防护等级 Degree of Protection	IP65 Watertight/Oiltight	
	灯罩 Lampshade	PC
材料 Material	灯体 Light body	ABS
光源 Light source	LED	
额定绝缘电压 (UI) Rated insulation voltage	IEC60947-1	>800V
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un
额定电压 Rated Voltage	12V/DC	
	24V/DC	
LED电流 LED Current	红色 Red	30mA
	黄色 Yellow	30mA
	绿色 Green	30mA
	蓝色 Blue	30mA
	白色 White	30mA
LED冲击电流 Surge current	所有颜色 All Colors	100mA
电气寿命 Electrical life	约50000小时 About 50,000 hours	
接线方式 Connection mode	电子线 Wire	UL1007 AWG22 (L=800mm)

型号说明 (Select Code)

GM4S - 5 02 - R Y G B W - 20

① ② ③ ④ ⑤ ⑥ ⑦

上Up 下Down

① 层数: 1 = 1层 2 = 2层 3 = 3层 4 = 4层 5 = 5层	Layer number: 1 = 1 Layer 2 = 2 Layer 3 = 3 Layer 4 = 4 Layer 5 = 5 Layer
② 额定电压: 01 = 12V/DC 02 = 24V/DC	Voltage: 01 = 12V/DC 02 = 24V/DC
③ 安装方式: 空白 = 杆式安装 W = 直接安装	Installation method: Blank = Rod installation W = Installed directly
④ 发光颜色: 红色 = R 黄色 = Y 绿色 = G 蓝色 = B 白色 = W	Color: Red = R Yellow = Y Green = G Blue = B White = W
⑤ 灯罩颜色: 空白 = 彩色 C = 透明色	Lamp Shade Color: No letters=Color C=Transparent color
⑥ 支架型号: 无指定 = 直接安装 A = 28A B = 18B C = 18C D = 18D	Stent models: None = Direct mount A = 18A B = 18B C = 18C D = 18D
⑦ 铝管长度: 10 = 10cm 20 = 20cm 30 = 30cm 40 = 40cm	Aluminum tube length: 10 = 10cm 20 = 20cm 30 = 30cm 40 = 40cm

LED模块选型说明

EM4 - 02 R -

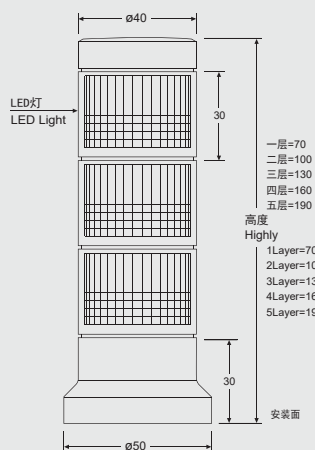
① ② ③

① 电压 Voltage	② 发光颜色 Color	③ 灯罩颜色 Lamp Shade Color
01 = 12V/DC 02 = 24V/DC	红色LED = R 黄色LED = Y 绿色LED = G 蓝色LED = B 白色LED = W	空白 = 彩色 C = 透明色
01 = 12V/DC 02 = 24V/DC	Red = R Yellow = Y Green = G Blue = B White = W	No letters=Color C=Transparent color

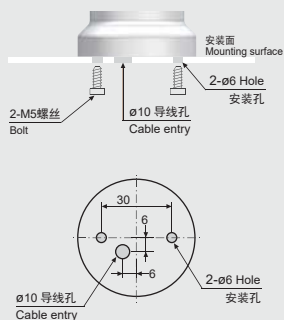
尺寸图 (Size Chart)

单位(Unit): mm

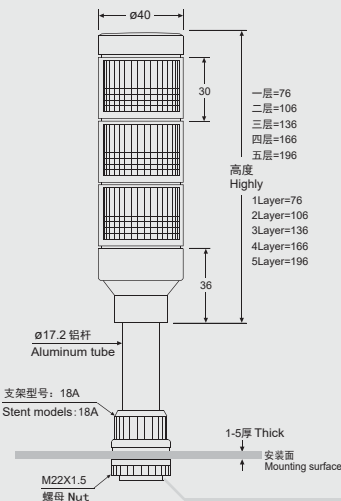
直接安装 Direct mount



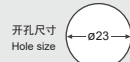
安装尺寸 mounting dimensions



杆式安装 Rod mount



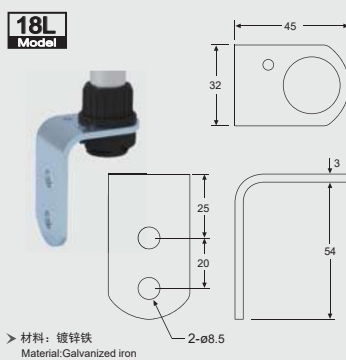
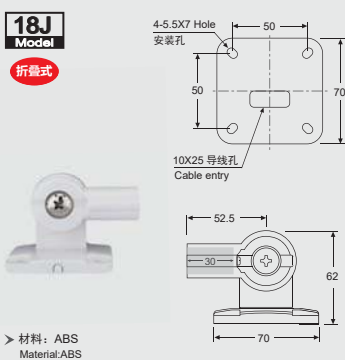
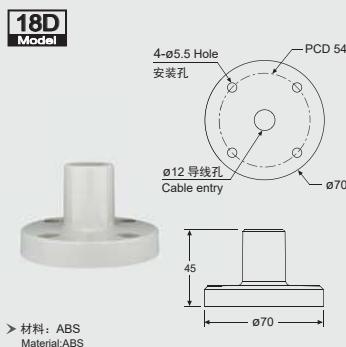
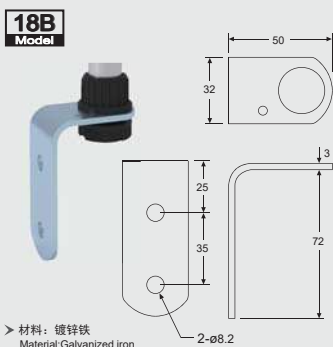
安装支架 Stent models



18A必须配合铝管使用
18A must be used with aluminum tube

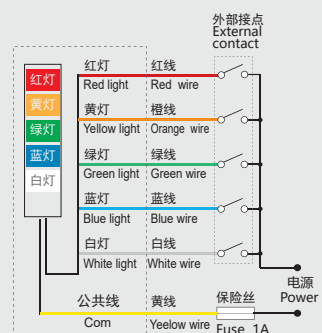
可适配安装支架 Adjustable mounting bracket.
18A 18B 18C 18D 18E 18J 18K 18L 18Z

支架型号尺寸图 (Support model size diagram) 单位(Unit): mm

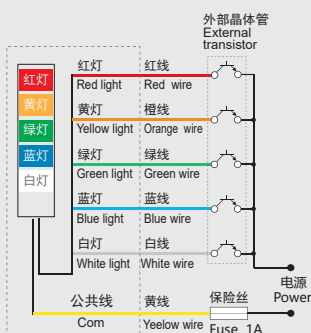


接线图 (Wiring Diagram)

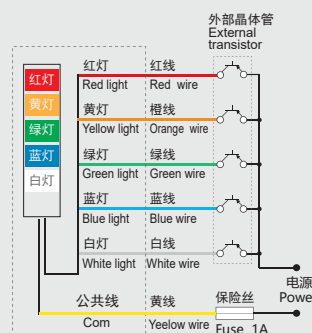
外部接点 External contact



NPN 晶体管 NPN transistor



PNP 晶体管 PNP transistor



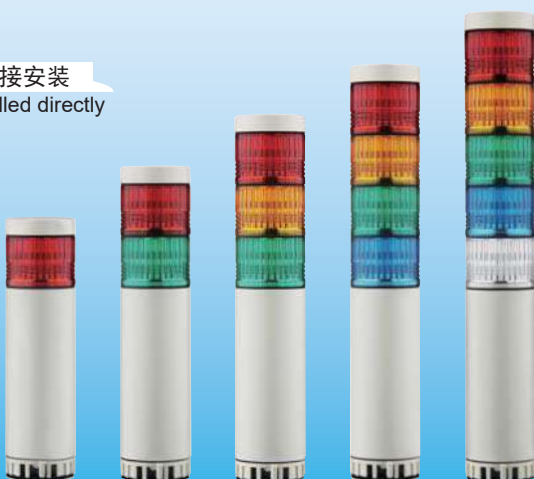
组合方法 (Combination method)

- 自由组合的LED模块电压必须一致
- LED模块可在成品灯里自由组合
- 安装在设备上后LED模块可以自由组合
- 自由组合好的成品灯接线的定义不会改变
- 可以增加LED模块或者减少LED模块
- 同颜色的LED模块在通电后会同时点亮
- LED模块上下组合时必须确保模块的标识方向一致
- Freely combined LED modules must have the same voltage
- LED modules can be freely combined in the finished lamp
- The LED modules can be combined freely after being installed on the device
- The definition of freely assembled finished lamp wiring will not change
- LED modules can be added or reduced
- LED modules of the same color will be lit up at the same time after being powered on
- When the LED module is combined up and down, the module must be identified in the same direction

杆式安装
Rod installation



直接安装
Installed directly



GM4E

SERIES Ø40mm

多层信号灯 Tower lamp

- 小型外观设计, 适用小型精密设备
- 颜色明亮, 具有良好的警示效果
- 信号线的颜色对应灯的颜色, 便于接线
- 可以自由增加或减少LED颜色的数量
- 改变LED的排列顺序无需重新接线
- 声音的大小可以调节
- Small appearance design, suitable for small precision equipment
- The color is bright and has good warning effect
- The color of the signal cable corresponds to that of the lamp, which facilitates wiring
- Free to increase or decrease the number of LED colors
- Rewiring is not required to change the LED sequence
- The volume of the sound can be adjusted



技术参数 (Technical Parameters)

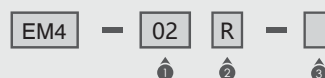
标准 Standard	IEC/EN 61000-6		
认证 Signal	CE		
环境温度 The environment temperature	贮存 Storage	-40℃~+70℃	
	工作 Operating	-25℃~+55℃	
工作湿度 Operating humidity	45 to 85%RH		
防护等级 Degree of Protection	I P65 Watertight/Oiltight		
材料 Material	灯罩 Lampshade	PC	
	灯体 Light body	ABS	
光源 Light source	LED		
额定绝缘电压 (U1) Rated insulation voltage	IEC60947-1	>800V	
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un	
额定电压 Rated Voltage	12V/DC		24V/DC
LED电流 LED Current	红色 Red	30mA	18mA
	黄色 Yellow	30mA	18mA
	绿色 Green	30mA	18mA
	蓝色 Blue	30mA	18mA
	白色 White	30mA	18mA
LED冲击电流 Surge current	所有颜色 All Colors	100mA	100mA
频率 Frequency	闪亮 Flashing	约1Hz About 1Hz	
蜂鸣器 Buzzer	电流 Current	18mA	
	音量 Volume	85dB	
电气寿命 Electrical life	约50000小时 About 50,000 hours		
接线方式 Connection mode	电子线 Wire	UL1007 AWG22 (L=800mm)	

型号说明 (Select Code)



① 层数: 1 = 1层 2 = 2层 3 = 3层 4 = 4层 5 = 5层	Layer number: 1 = 1 Layer 2 = 2 Layer 3 = 3 Layer 4 = 4 Layer 5 = 5 Layer
② 额定电压: 01 = 12V/DC 02 = 24V/DC	Voltage: 01 = 12V/DC 02 = 24V/DC
③ 功能: 无指定 = 常亮无声音 A = 蜂鸣连续音 B = 蜂鸣间断音 C = 闪亮蜂鸣双音	Function: Blank = Steady on No sound A = Buzzer continuous B = Buzzer hiatus C = Flashing buzzer 2 sounds
④ 安装方式: 空白 = 杆式安装 W = 直接安装	Installation method: Blank = Rod installation W = Installed directly
⑤ 发光颜色: 红色 = R 黄色 = Y 绿色 = G 蓝色 = B 白色 = W	Color: Red = R Yellow = Y Green = G Blue = B White = W
⑥ 灯罩颜色: 空白 = 彩色 C = 透明色	Lamp Shade Color: No letters=Color C=Transparent color
⑦ 支架型号: 无指定 = 直接安装 A = 18A B = 18B C = 18C D = 18D E = 18E J = 18J K = 18K L = 18L Z = 18Z	Stent models: None = Direct mount A = 18A B = 18B C = 18C D = 18D E = 18E J = 18J K = 18K L = 18L Z = 18Z
⑧ 铝管长度: 10 = 10cm 20 = 20cm 30 = 30cm 40 = 40cm	Aluminum tube length: 10 = 10cm 20 = 20cm 30 = 30cm 40 = 40cm

LED模块选型说明 LED module code

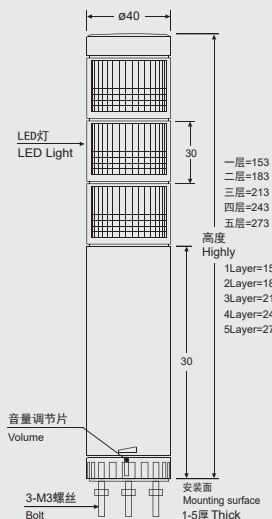


① 电压 Voltage 01 = 12V/DC 02 = 24V/DC	② 发光颜色 Color 红色LED = R 黄色LED = Y 绿色LED = G 蓝色LED = B 白色LED = W	③ 灯罩颜色 Lamp Shade Color 空白 = 彩色 C = 透明色
01 = 12V/DC 02 = 24V/DC	Red = R Yellow = Y Green = G Blue = B White = W	No letters=Color C=Transparent color

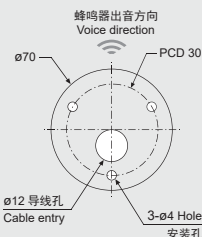
尺寸图 (Size Chart)

单位(Unit): mm

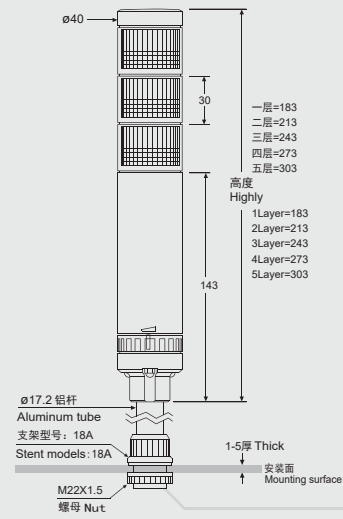
直接安装 Direct mount



安装尺寸 mounting dimensions

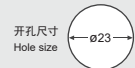


杆式安装 Rod mount



安装支架 Stent models

18A Model

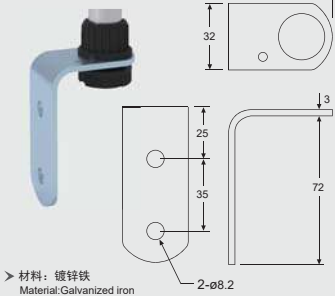


18A必须配合铝管使用
18A must be used with aluminum tube

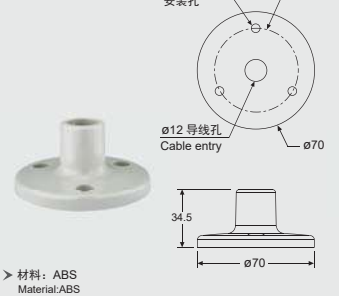
可适配安装支架 Adjustable mounting bracket.
18A 18B 18C 18D 18E 18J 18K 18L 18Z

支架型号尺寸图 (Support model size diagram) 单位(Unit): mm

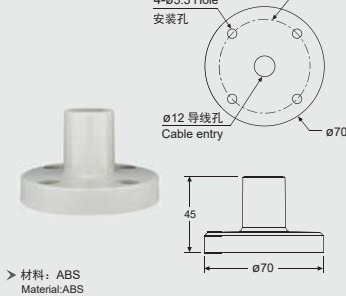
18B Model



18C Model



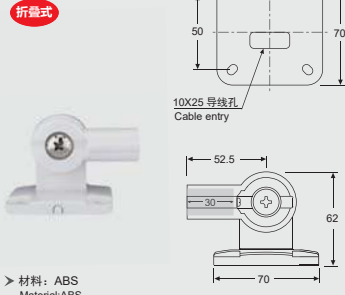
18D Model



18E Model



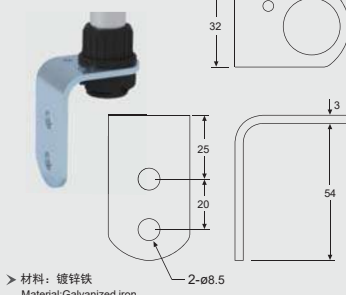
18J Model



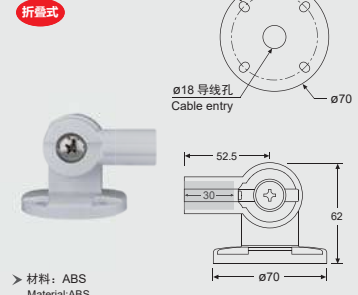
18K Model



18L Model

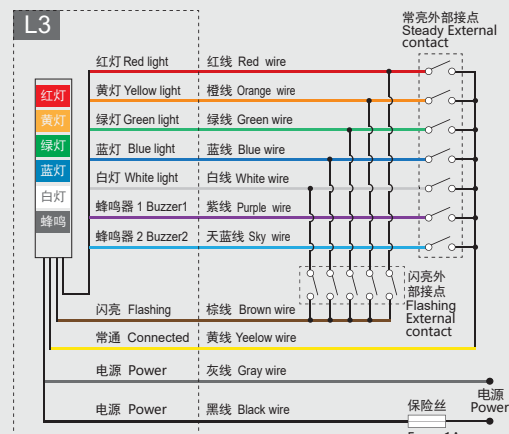
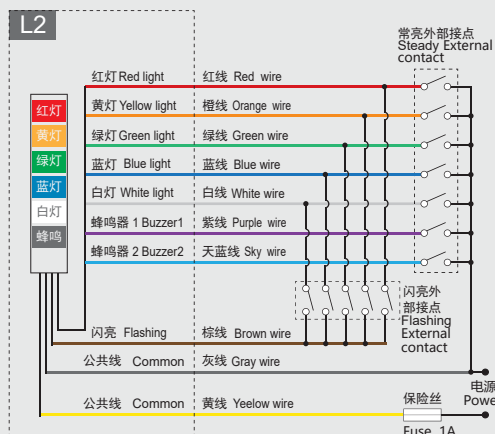
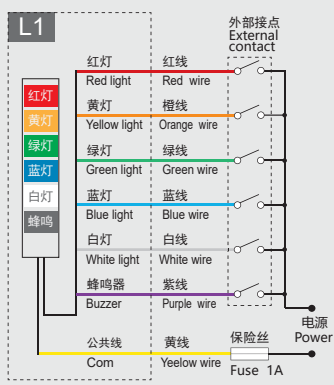


18Z Model



接线图 (Wiring Diagram)

外部接点 External contact



GK4

SERIES
Ø45mm多层信号灯
Tower lamp

- 小型外观设计, 适用小型精密设备
- 颜色明亮, 具有良好的警示效果
- 信号线的颜色对应灯的颜色, 便于接线
- Small appearance design, suitable for small precision equipment
- The color is bright and has good warning effect
- The color of the signal cable corresponds to that of the lamp, which facilitates wiring



技术参数 (Technical Parameters)

标准 Standard		IEC/EN 61000-6
认证 Signal		CE
环境温度 The environment temperature	贮存 Storage	-40°C~+70°C
	工作 Operating	-25°C~+55°C
工作湿度 Operating humidity		45 to 85%RH
防护等级 Degree of Protection		IP65 Watertight/Oiltight
材料 Material	灯罩 Lampshade	PC
	灯体 Light body	ABS
光源 Light source		LED
额定绝缘电压 (UI) Rated insulation voltage	IEC60947-1	>800V
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un
额定电压 Rated Voltage		12V/DC 24V/DC
LED电流 LED Current	红色 Red	30mA 18mA
	黄色 Yellow	30mA 18mA
	绿色 Green	30mA 18mA
	蓝色 Blue	30mA 18mA
	白色 White	30mA 18mA
LED冲击电流 Surge current	所有颜色 All Colors	100mA 100mA
蜂鸣器 Buzzer	电流 Current	18mA
	音量 Volume	85dB
电气寿命 Electrical life		约50000小时 About 50,000 hours
接线方式 Connection mode	电子线 Wire	UL1007 AWG22 (L=800mm)

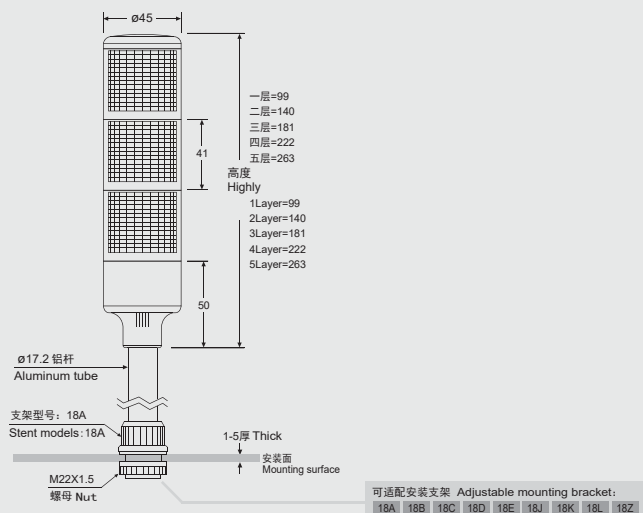
型号说明 (Select Code)



① 层数: 1 = 1层 2 = 2层 3 = 3层 4 = 4层 5 = 5层	Layer number: 1 = 1 Layer 2 = 2 Layer 3 = 3 Layer 4 = 4 Layer 5 = 5 Layer
② 额定电压: 01 = 12V/DC 02 = 24V/DC	Voltage: 01 = 12V/DC 02 = 24V/DC
③ 功能: 无指定 = 常亮无声音 A = 蜂鸣连续音 B = 蜂鸣间断音	Function: Blank = Steady on No sound A = Buzzer continuous B = Buzzer hiatus
④ 发光颜色: 红色 = R 黄色 = Y 绿色 = G 蓝色 = B 白色 = W	Color: Red = R Yellow = Y Green = G Blue = B White = W
⑤ 灯罩颜色: 空白 = 彩色 C = 透明色	Lamp Shade Color: No letters=Color C=Transparent color
⑥ 支架型号: 无指定 = 直接安装 A = 18A E = 18E B = 18B J = 18J C = 18C K = 18K D = 18D L = 18L Z = 18Z	Stent models: None = Direct mount A = 18A E = 18E B = 18B J = 18J C = 18C K = 18K D = 18D L = 18L Z = 18Z
⑦ 铝管长度: 10 = 10cm 20 = 20cm 30 = 30cm 40 = 40cm	Aluminum tube length: 10 = 10cm 20 = 20cm 30 = 30cm 40 = 40cm

單位(Unit): mm

☐ 杆式安装Rod mount

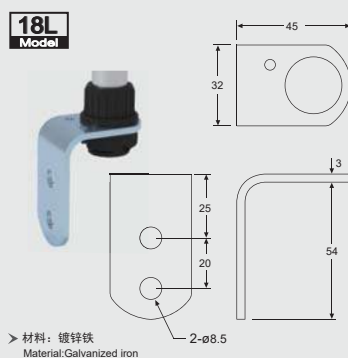
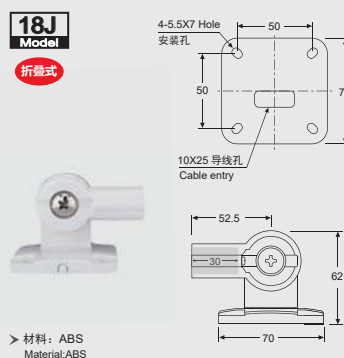
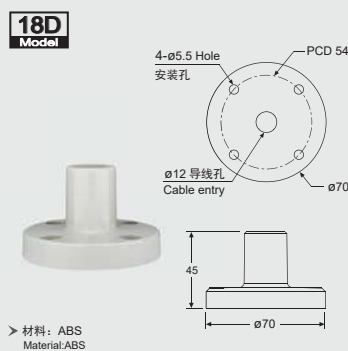


● 安装支架
Stent models



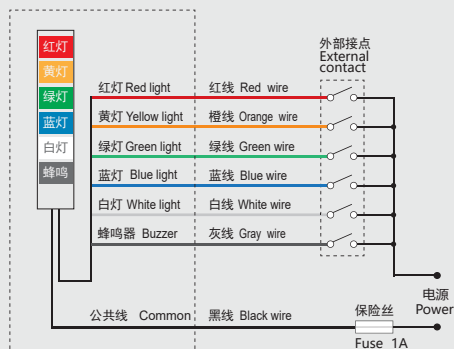
 18A必须配合铝管使用
18A Must be used with
aluminum tube

支架型号尺寸图 (Support model size diagram) 单位(Unit): mm

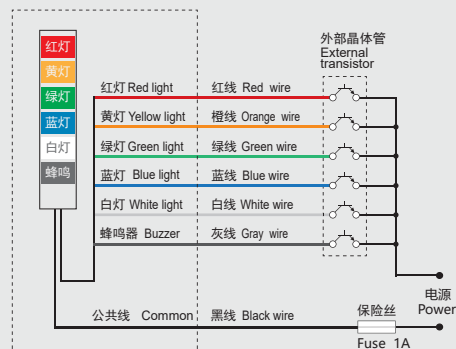


接线图 (Wiring Diagram)

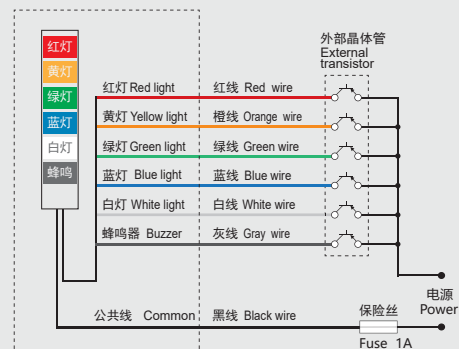
 外部接点
External contact



 NPN 晶体管
NPN transistor



 PNP 晶体管
PNP transistor



GF45

SERIES 45-45mm

警示灯/单体多色型

Signal Light/Monomer Multicolor

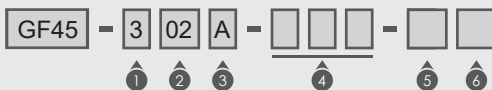
- 方型外观设计，适用小型精密设备
- 颜色明亮，具有良好的警示效果
- 信号线的颜色对应灯的颜色，便于接线
- 顶部声音设计，可以全方向的进行声音的传播
- 多种安装方式
- Square design, suitable for small precision equipment
- The color is bright and has good warning effect
- The color of the signal cable corresponds to that of the lamp, which facilitates wiring
- The top sound design allows sound transmission in all directions
- Multiple installation modes



技术参数 (Technical Parameters)

标准 Standard		IEC/EN 61000-6	
认证 Signal		CE	
环境温度 The environment temperature	贮存 Storage	-40°C~+70°C	
	工作 Operating	-25°C~+55°C	
工作湿度 Operating humidity		45 to 85%RH	
防护等级 Degree of Protection		I P65 Watertight/Oiltight	
材料 Material	灯罩 Lampshade	PC	
	灯体 Light body	ABS	
光源 Light source		LED	
额定绝缘电压(UI) Rated insulation voltage	IEC60947-1	>800V	
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un	
额定电压 Rated Voltage		12V/DC	24V/DC
LED电流 LED Current	红色 Red	30mA	18mA
	黄色 Yellow	30mA	18mA
	绿色 Green	30mA	18mA
	蓝色 Blue	30mA	18mA
	白色 White	30mA	18mA
LED冲击电流 Surge current	所有颜色 All Colors	100mA	100mA
蜂鸣器 Buzzer	电流 Current	18mA	
	音量 Volume	85dB	
电气寿命 Electrical life		约50000小时 About 50,000 hours	
接线方式 Connection mode	电子线 Wire	UL1007 AWG22 (L=800mm)	
	航插 Aviation plug	M12-5Pin / M12-8Pin	

型号说明 (Select Code)

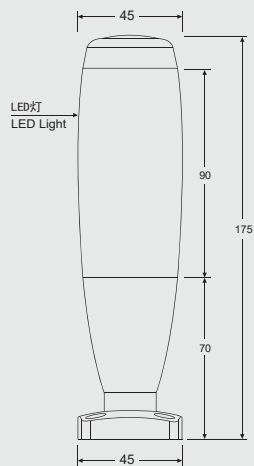


- | | |
|---|--|
| ① 颜色数量: 1 = 1个颜色
2 = 2个颜色
3 = 3个颜色 | Number of colors: 1 = 1 Color
2 = 2 Colors
3 = 3 Colors |
| ② 额定电压: 01 = 12V/DC
02 = 24V/DC | Voltage: 01 = 12V/DC
02 = 24V/DC |
| ③ 声音方式: 无指定 = 无声音
A = 连续声
B = 间断音 | Sound way: Blank = None sound way
A = Continuous tone
B = Intermittent sound |
| ④ 发光颜色: 红色 = R
黄色 = Y
绿色 = G
蓝色 = B
白色 = W | Color: Red = R
Yellow = Y
Green = G
Blue = B
White = W |
| ⑤ 支架型号: 无指定 = 直接安装
A = 28A
B = 18B
C = 18C
D = 18D
Z = 18Z | Stent models: None = Direct mount
A = 28A
B = 18B
C = 18C
D = 18D
Z = 18Z |
| ⑥ 铝管长度: 10 = 10cm
20 = 20cm
30 = 30cm
40 = 40cm | Aluminum tube length: 10 = 10cm
20 = 20cm
30 = 30cm
40 = 40cm |

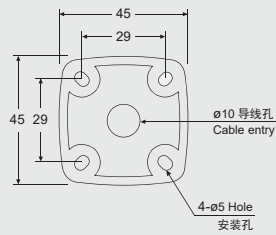
尺寸图 (Size Chart)

单位(Unit): mm

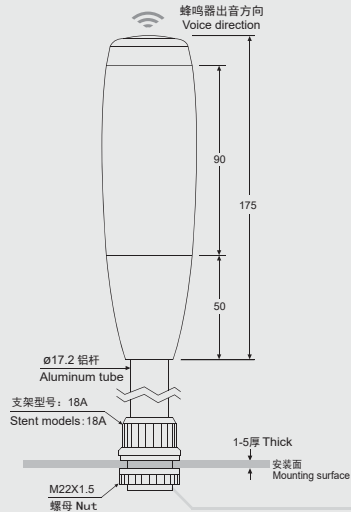
直接安装 Direct mount



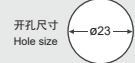
安装尺寸 mounting dimensions



杆式安装 Rod mount



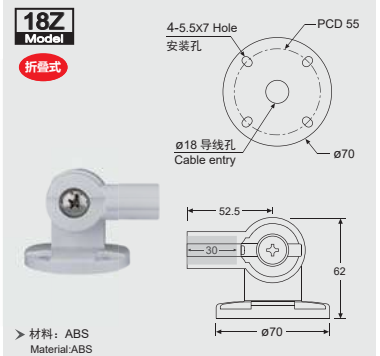
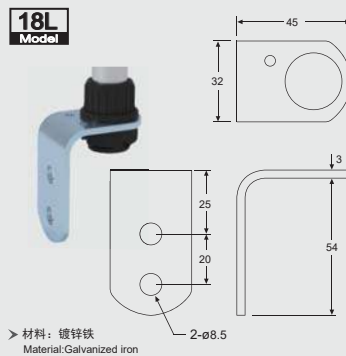
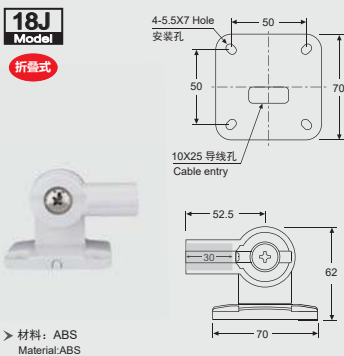
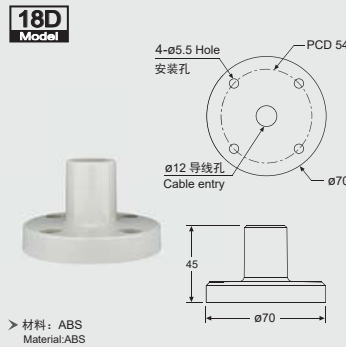
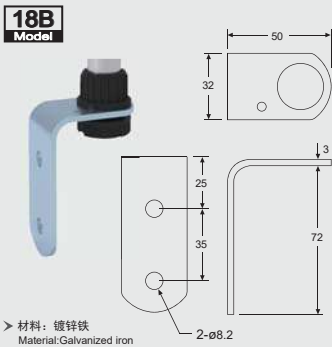
安装支架 Stent models



18A必须配合铝管使用
18A Must be used with aluminum tube

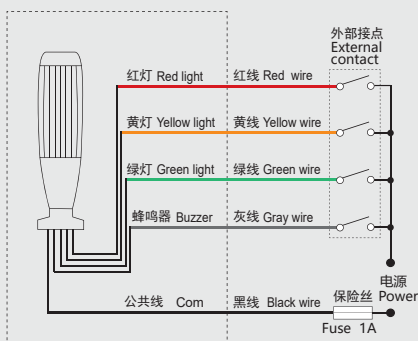
可适配安装支架 Adjustable mounting bracket:
18A 18B 18C 18D 18E 18J 18K 18L 18Z

支架型号尺寸图 (Support model size diagram) 单位(Unit): mm

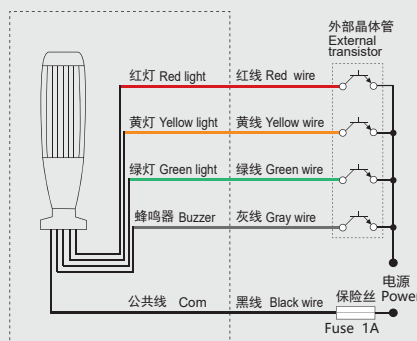


接线图 (Wiring Diagram)

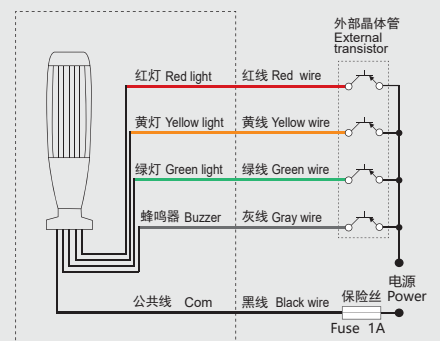
外部接口 External contact

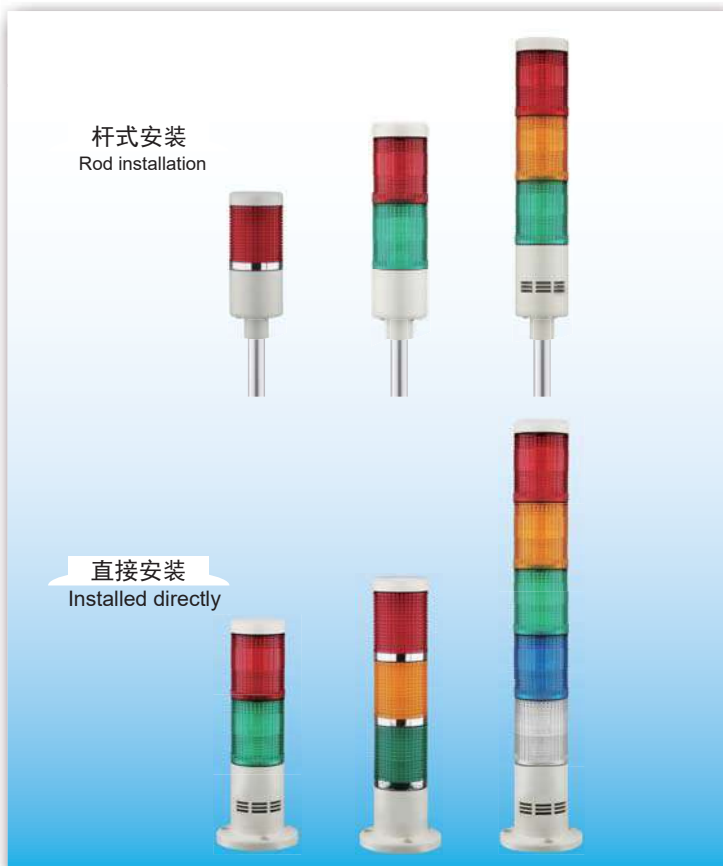


NPN 晶体管 NPN transistor



PNP 晶体管 PNP transistor





GD5B

SERIES Ø52mm

多层信号灯 Tower lamp

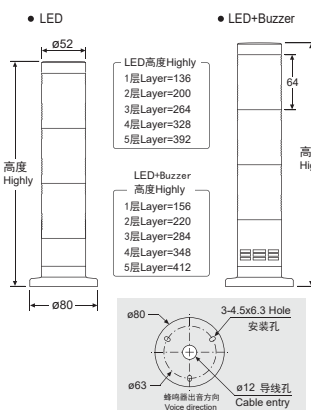
- ✧ 精致的外观流线设计语言
- ✧ 多层多色有明显的警示效果
- ✧ 多种安装方式适合不同的安装需求
- ✧ 带蜂鸣设计，可以进行声音的传输
- ✧ Exquisite appearance streamline design language
- ✧ Multilayer multicolor has obvious warning effect
- ✧ Various installation methods meet different installation requirements
- ✧ With buzzer design, you can transmit sound



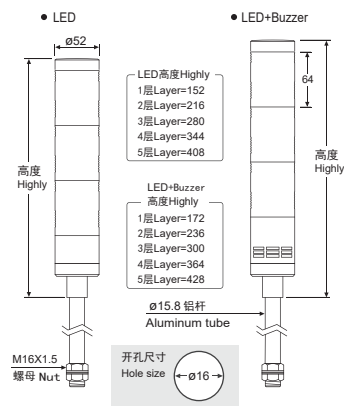
尺寸图 (Size Chart)

单位(Unit): mm

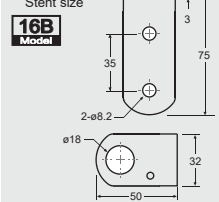
直接安装 Direct mount



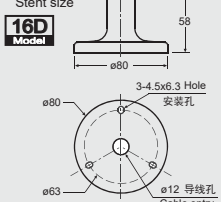
杆式安装 Rod mount



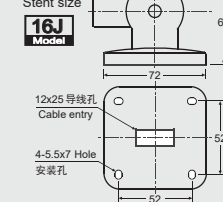
支架尺寸 Stent size



支架尺寸 Stent size



支架尺寸 Stent size



技术参数 (Technical Parameters)

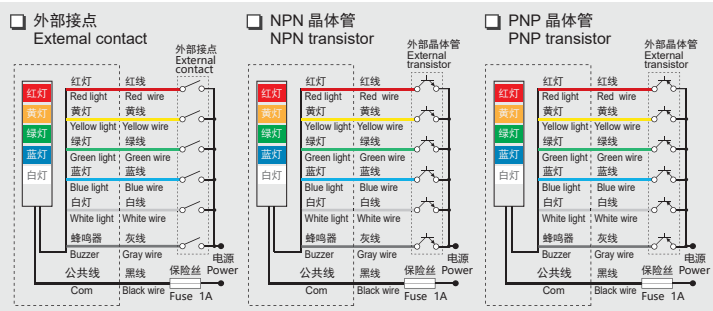
标准 Standard	IEC/EN 61000-6	
认证 Signal	CE	
环境温度 The environment temperature	贮存 Storage	-40°C~+70°C
	工作 Operating	-25°C~+55°C
工作湿度 Operating humidity	45 to 85%RH	
防护等级 Degree of Protection	IP65 Watertight/Oiltight	
光源 Light source	LED	
额定绝缘电压 (UI) Rated insulation voltage	IEC60947-1	>800V
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un
额定电压 Rated Voltage	12V/DC	24V/DC
LED电流 LED Current	所有颜色 All Colors	30mA
LED冲击电流 Surge current	所有颜色 All Colors	100mA
蜂鸣器 Buzzer	电流 Current	18mA
	音量 Volume	85dB
电气寿命 Electrical life	约50000小时 About 50,000 hours	
电缆 Cable	UL1007 AWG22 (L=800mm)	

型号说明 (Select Code)



1 层数: 1 = 1层 2 = 2层 3 = 3层 4 = 4层 5 = 5层	Layer number: 1 = 1 Layer 2 = 2 Layer 3 = 3 Layer 4 = 4 Layer 5 = 5 Layer
2 额定电压: 01 = 12V/DC 02 = 24V/DC	Voltage: 01 = 12V/DC 02 = 24V/DC
3 功能: 无指定 = 常亮无声音 A = 蜂鸣连续音 B = 蜂鸣间断音	Function: Blank = Steady on No sound A = Buzzer continuous B = Buzzer hiatus
4 安装方式: 空白 = 杆式安装 W = 直接安装	Installation method: None = Rod installation W = Installed directly
5 发光颜色: 红色 = R 黄色 = Y 绿色 = G 蓝色 = B 白色 = W	Color: Red = R Yellow = Y Green = G Blue = B White = W
6 支架型号: 无指定 = 直接安装 B = 16B D = 16D J = 16J	Stent models: None = Direct mount B = 16B D = 16D J = 16J
7 铝管长度: 10 = 10cm 20 = 20cm 30 = 30cm 40 = 40cm	Aluminum tube length: 10 = 10cm 20 = 20cm 30 = 30cm 40 = 40cm

接线图 (Wiring Diagram)



GD5BX | SERIES ø52mm

警示灯/单体多色型 Signal Light/Monomer Multicolor

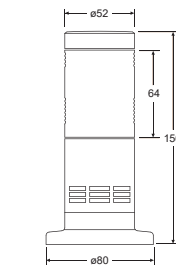
- ✧ 精致的外观流线设计语言
- ✧ 单灯多色节约了设备的空间
- ✧ 多种安装方式适合不同的安装需求
- ✧ 带蜂鸣设计，可以进行声音的传输
- ✧ Exquisite appearance streamline design language
- ✧ Single lamp multi-color saves the space of equipment
- ✧ Various installation methods meet different installation requirements
- ✧ With buzzer design, you can transmit sound



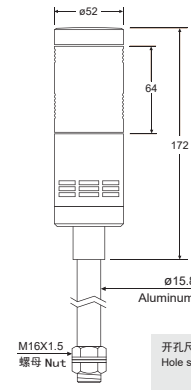
尺寸图 (Size Chart)

单位(Unit): mm

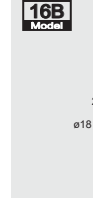
直接安装 Direct mount



杆式安装 Rod mount



● 支架尺寸 Stent size



● 支架尺寸 Stent size



● 支架尺寸 Stent size



技术参数 (Technical Parameters)

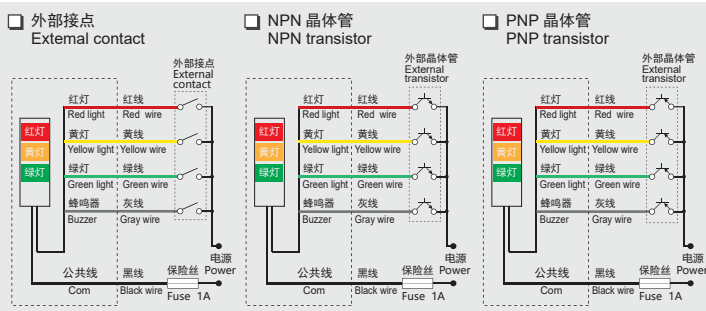
标准 Standard	IEC/EN 61000-6	
认证 Signal	CE	
环境温度 The environment temperature	贮存 Storage	-40°C~+70°C
	工作 Operating	-25°C~+55°C
工作湿度 Operating humidity	45 to 85%RH	
防护等级 Degree of Protection	IP65 Watertight/Oiltight	
光源 Light source	LED	
额定绝缘电压 (UI) Rated insulation voltage	IEC60947-1	>800V
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un
额定电压 Rated Voltage	12V/DC	24V/DC
LED电流 LED Current	所有颜色 All Colors	30mA
LED冲击电流 Surge current	所有颜色 All Colors	100mA
蜂鸣器 Buzzer	电流 Current	18mA
	音量 Volume	85dB
电气寿命 Electrical life	约50000小时 About 50,000 hours	
电缆 Cable	UL1007 AWG22 (L=800mm)	

型号说明 (Select Code)



① 层数: 1 = 1层 2 = 2层 3 = 3层	Layer number: 1 = 1 Layer 2 = 2 Layer 3 = 3 Layer
② 额定电压: 01 = 12V/DC 02 = 24V/DC	Voltage: 01 = 12V/DC 02 = 24V/DC
③ 功能: 无指定 = 常亮无声音 A = 蜂鸣连续音 B = 蜂鸣间断音	Function: Blank = Steady on No sound A = Buzzer continuous B = Buzzer hiatus
④ 安装方式: 空白 = 杆式安装 W = 直接安装	Installation method: Blank = Rod installation W = Installed directly
⑤ 发光颜色: 红色 = R 黄色 = Y 绿色 = G 蓝色 = B 白色 = W	Color: Red = R Yellow = Y Green = G Blue = B White = W
⑥ 支架型号: 无指定 = 直接安装 B = 16B D = 16D J = 16J	Stent models: None = Direct mount B = 16B D = 16D J = 16J
⑦ 铝管长度: 10 = 10cm 20 = 20cm 30 = 30cm 40 = 40cm	Aluminum tube length: 10 = 10cm 20 = 20cm 30 = 30cm 40 = 40cm

接线图 (Wiring Diagram)



GJ5X

SERIES Ø50mm

警示灯/单体多色型

Signal Light/Monomer Multicolor

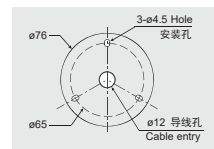
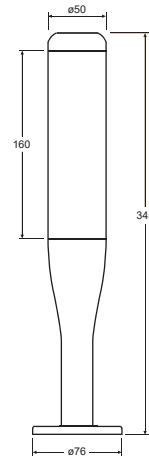
- 精致的外观流线设计语言
- 单灯多色节约了设备的空间
- 多种安装方式适合不同的安装需求
- 带蜂鸣设计，可以进行声音的传输
- Exquisite appearance streamline design language
- Single lamp multi-color saves the space of equipment
- Various installation methods meet different installation requirements
- With buzzer design, you can transmit sound



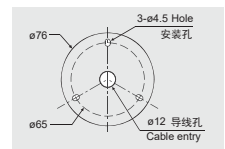
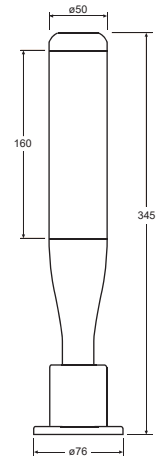
尺寸图 (Size Chart)

单位(Unit): mm

□ 平面安装 Flat installation



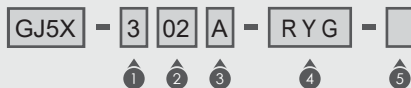
□ 折叠安装 Folding installation



技术参数 (Technical Parameters)

标准 Standard	IEC/EN 61000-6	
认证 Signal	CE	
环境温度 The environment temperature	贮存 Storage	-40°C~+70°C
	工作 Operating	-25°C~+55°C
工作湿度 Operating humidity	45 to 85%RH	
防护等级 Degree of Protection	IP65 Watertight/Oiltight	
光源 Light source	LED	
额定绝缘电压 (UI) Rated insulation voltage	IEC60947-1	>800V
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un
额定电压 Rated Voltage	12V/DC	24V/DC
LED电流 LED Current	所有颜色 All Colors	30mA
LED冲击电流 Surge current	所有颜色 All Colors	100mA
蜂鸣器 Buzzer	电流 Current	18mA
	音量 Volume	85dB
电气寿命 Electrical life	约50000小时 About 50,000 hours	
电缆 Cable	UL1007 AWG22 (L=800mm)	

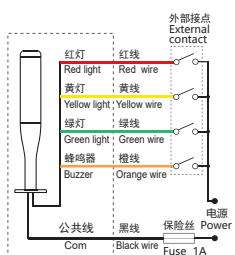
型号说明 (Select Code)



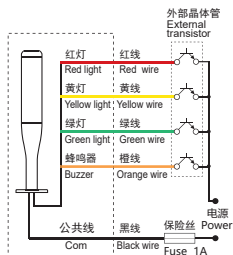
- | | |
|---|--|
| ① 层数: 1 = 1层
2 = 2层
3 = 3层 | Layer number: 1 = 1 Layer
2 = 2 Layer
3 = 3 Layer |
| ② 额定电压: 01 = 12V/DC
02 = 24V/DC | Voltage: 01 = 12V/DC
02 = 24V/DC |
| ③ 功能: 无指定 = 常亮无声音
A = 蜂鸣连续音
B = 蜂鸣间断音 | Function: Blank = Steady on No sound
A = Buzzer continuous
B = Buzzer hiatus |
| ⑤ 发光颜色: 红色 = R
黄色 = Y
绿色 = G | Color: Red = R
Yellow = Y
Green = G |
| ⑥ 支架型号: D = 平面安装
J = 折叠安装 | Stent models: D = Flat installation
J = Folding installation |

接线图 (Wiring Diagram)

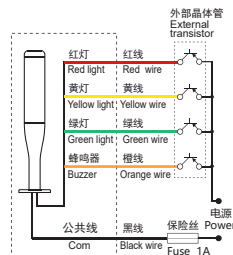
□ 外部接点 External contact



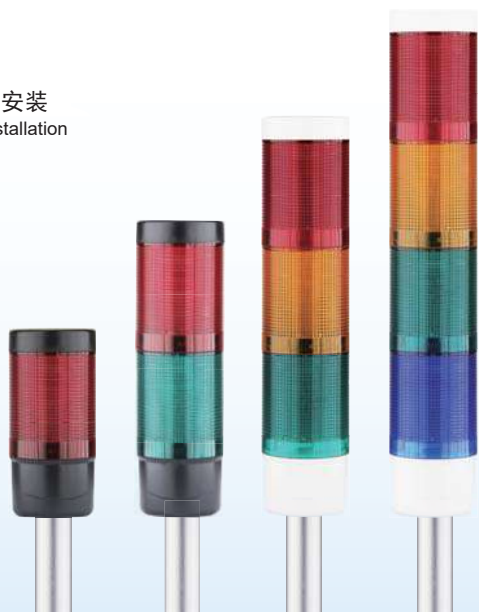
□ NPN 晶体管 NPN transistor



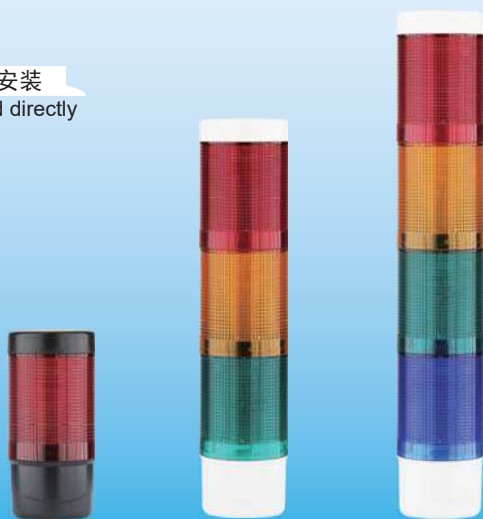
□ PNP 晶体管 PNP transistor



杆式安装
Rod installation



直接安装
Installed directly



GL5A

SERIES Ø52mm

多层信号灯 Tower lamp

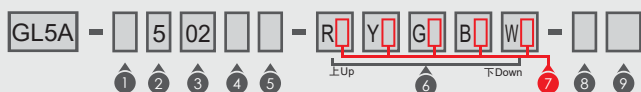
- 中型外观设计，适用中型精密设备
- 颜色明亮，具有良好的警示效果
- 信号线的颜色对应灯的颜色，便于接线
- 可以自由增加或减少LED颜色的数量
- 改变LED的排列顺序无需重新接线
- Medium appearance design, suitable for medium precision equipment
- The color is bright and has good warning effect
- The color of the signal cable corresponds to that of the lamp, which facilitates wiring
- Free to increase or decrease the number of LED colors
- Rewiring is not required to change the LED sequence



技术参数 (Technical Parameters)

标准 Standard		IEC/EN 61000-6	
认证 Signal		CE	
环境温度 The environment temperature	贮存 Storage	-40℃~-+70℃	
	工作 Operating	-25℃~-+55℃	
工作湿度 Operating humidity		45 to 85%RH	
防护等级 Degree of Protection		I P65 Watertight/Oiltight	
材料 Material	灯罩 Lampshade	PC	
	灯体 Light body	ABS	
光源 Light source		LED	
额定绝缘电压 (UI) Rated insulation voltage	IEC60947-1	>800V	
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un	
额定电压 Rated Voltage		12V/DC	24V/DC
LED电流 LED Current	红色 Red	64mA	32mA
	黄色 Yellow	64mA	32mA
	绿色 Green	64mA	32mA
	蓝色 Blue	64mA	32mA
	白色 White	64mA	32mA
LED冲击电流 Surge current	所有颜色 All Colors	100mA	100mA
频率 Frequency	闪亮 Flashing	约1Hz About 1Hz	
蜂鸣器 Buzzer	电流 Current	18mA	
	音量 Volume	85dB	
电气寿命 Electrical life		约50000小时 About 50,000 hours	
接线方式 Connection mode	电子线 Wire	UL1007 AWG22 (L=800mm)	

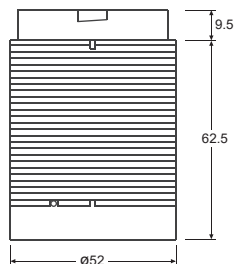
型号说明 (Select Code)



1 灯体颜色: 空白 = 黑色 A = 白色	Body color: Blank = Black A = White
2 层数: 1 = 1层 2 = 2层 3 = 3层 4 = 4层 5 = 5层	Layer number: 1 = 1 Layer 2 = 2 Layer 3 = 3 Layer 4 = 4 Layer 5 = 5 Layer
3 额定电压: 01 = 12V/DC 02 = 24V/DC	Voltage: 01 = 12V/DC 02 = 24V/DC
4 功能: 无指定 = 常亮无声音 A = 蜂鸣连续音 B = 蜂鸣间断音	Function: Blank = Steady on No sound A = Buzzer continuous B = Buzzer hiatus
5 安装方式: 空白 = 杆式安装 W = 直接安装	Installation method: None = Rod installation W = Installed directly
6 发光颜色: 红色 = R 黄色 = Y 绿色 = G 蓝色 = B 白色 = W	Color: Red = R Yellow = Y Green = G Blue = B White = W
7 发光方式: 无指定 = 常亮 1 = 闪亮	Light way: None = Steady 1 = Flashing

8 支架型号: 无指定 = 直接安装 A = 22A B = 22B D = 22D E = 22E J = 22J Z = 22Z	Stent models: Blank = Direct mount A = 22A B = 22B D = 22D E = 22E J = 22J Z = 22Z
9 铝管长度: 10 = 10cm 20 = 20cm 30 = 30cm 40 = 40cm	Aluminum tube length: 10 = 10cm 20 = 20cm 30 = 30cm 40 = 40cm

□ 尺寸图 (Size Chart)



单位(Unit): mm

□ LED模块选型说明 LED module code

EL5 — A 02 R □
① ② ③

① 电压 Voltage

01 = 12V/DC 01 = 12V/DC
02 = 24V/DC 02 = 24V/DC

② 发光颜色 Color

红色LED = R Red = R
黄色LED = Y Yellow = Y
绿色LED = G Green = G
蓝色LED = B Blue = B
白色LED = W White = W

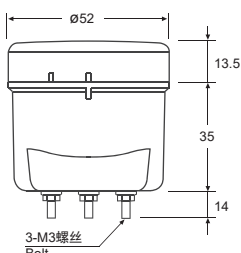
③ 发光方式 Light way

无指定 = 常亮 Blank = Steady
1 = 闪亮 1 = Flashing

参数说明 Parameter specification

发光颜色 Color	红色 Red	黄色 Yellow	绿色 Green	蓝色 Blue	白色 White
电流 Current	12V DC	64mA	64mA	64mA	64mA
	24V DC	32mA	32mA	32mA	32mA
光强 light intensity	213/Lux	134/Lux	342/Lux	129/Lux	459/Lux
闪亮频率 Frequency	60~90次/min 60~90 beats / min				
材料 Material	聚碳酸酯 PC				
重量 Quality	12/24VDC:44g				

□ 尺寸图 (Size Chart)



单位(Unit): mm

□ 灯体模块选型说明 Body module code

BL5 — A 02 □ □
① ② ③

① 电压 Voltage

01 = 12V/DC 01 = 12V/DC
02 = 24V/DC 02 = 24V/DC

② 声音 Sound

无指定 = 无声音 Blank = No sound
A = 连续音 A = Buzzer continuous
B = 间断音 B = Buzzer hiatus

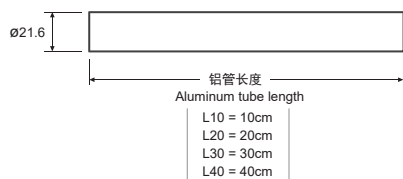
③ 灯体颜色 Body color

无指定 = 黑色 Blank = Black
A = 白色 A = White

参数说明 Parameter specification

电流 Current	12V DC	18mA
	24V DC	18mA
音量 Volume	85dB	
颜色 Color	黑色/白色 Black/White	
重量 Quality	12/24VDC:85g	

□ 尺寸图 (Size Chart)



➤ 材料: 阳极氧化铝
Material: Anodized aluminum

□ 选型说明 Model specification

LG — D22 L10 □
① ② ③

① 直径 Diameter

D22 = 21.6mm D22 = 21.6mm

② 长度 Length

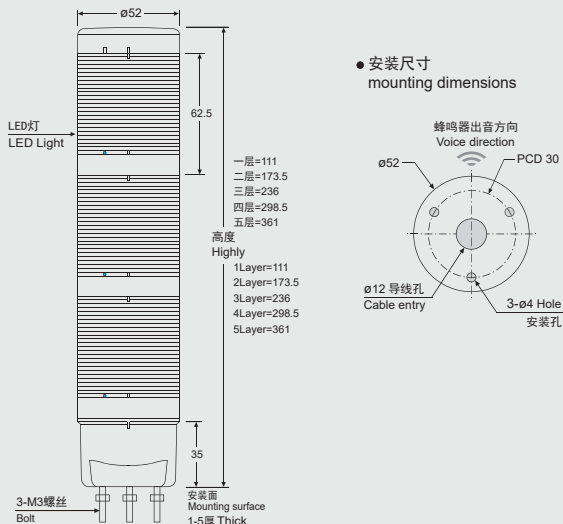
L10 = 10cm L10 = 10cm
L20 = 20cm L20 = 20cm
L30 = 30cm L30 = 30cm
L40 = 40cm L40 = 40cm

③ 颜色 Color

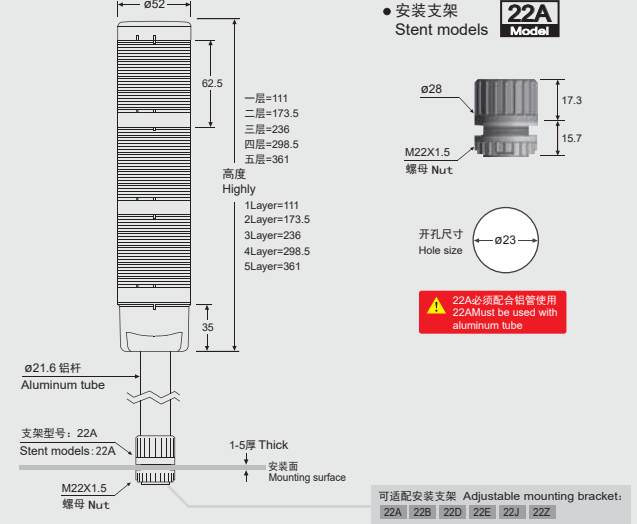
B = 黑色 B = Black
A = 白色 S = silver

尺寸图 (Size Chart) 单位(Unit): mm

直接安装 Direct mount

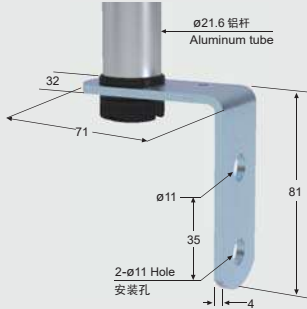


杆式安装 Rod mount

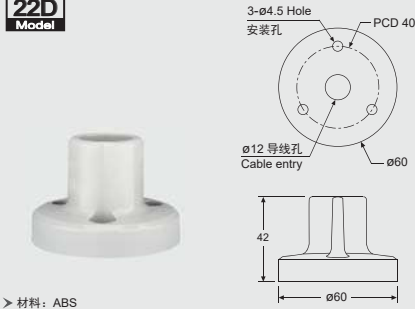


支架型号尺寸图 (Support model size diagram) 单位(Unit): mm

22B Model



22D Model

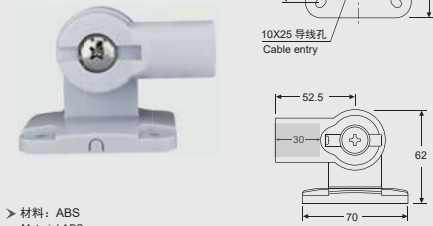


22E Model



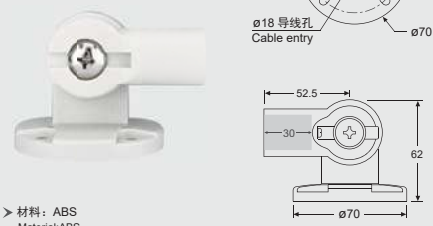
22J Model

折叠式



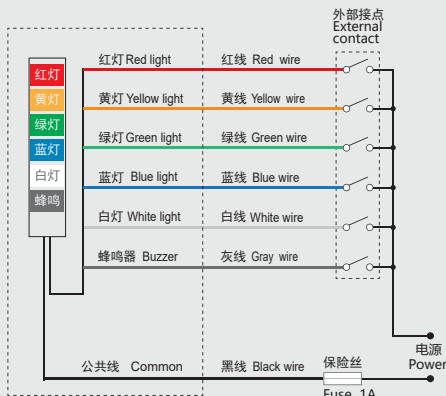
22Z Model

折叠式

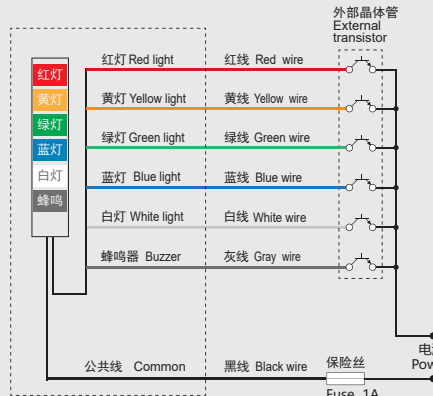


接线图 (Wiring Diagram)

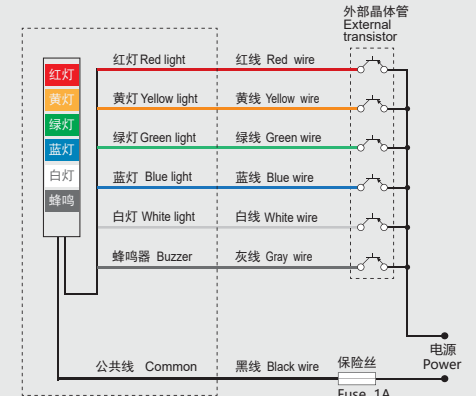
外部接点 External contact



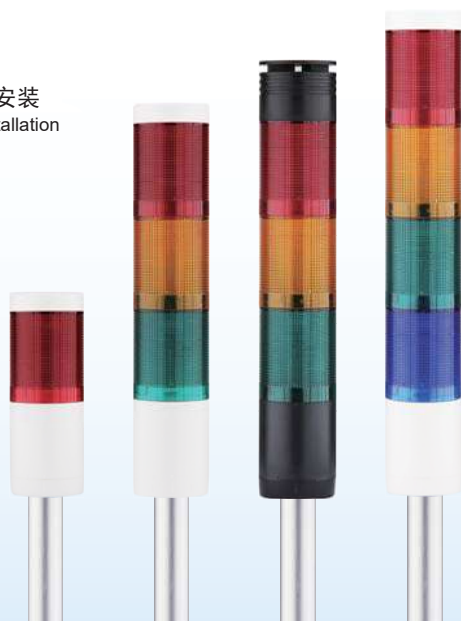
NPN 晶体管 NPN transistor



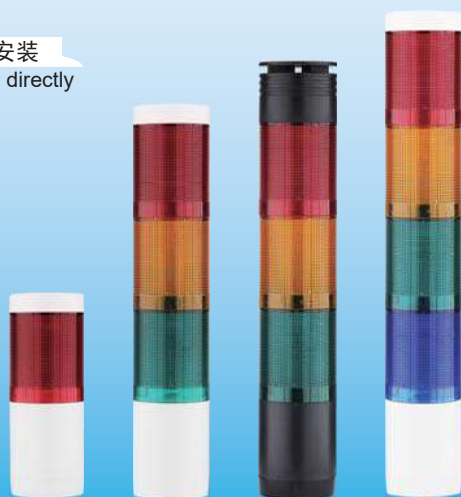
PNP 晶体管 PNP transistor



杆式安装
Rod installation



直接安装
Installed directly



GL5B

SERIES Ø52mm

多层信号灯 Tower lamp

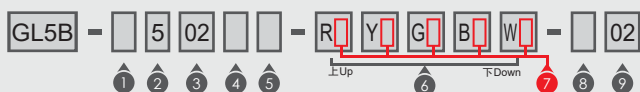
- 中型外观设计，适用中型精密设备
- 颜色明亮，具有良好的警示效果
- 信号线的颜色对应灯的颜色，便于接线
- 可以自由增加或减少LED颜色的数量
- 改变LED的排列顺序无需重新接线
- Medium appearance design, suitable for medium precision equipment
- The color is bright and has good warning effect
- The color of the signal cable corresponds to that of the lamp, which facilitates wiring
- Free to increase or decrease the number of LED colors
- Rewiring is not required to change the LED sequence



技术参数 (Technical Parameters)

标准 Standard	IEC/EN 61000-6		
认证 Signal	CE		
环境温度 The environment temperature	贮存 Storage	-40℃~-+70℃	
	工作 Operating	-25℃~-+55℃	
工作湿度 Operating humidity	45 to 85%RH		
防护等级 Degree of Protection	I P65 Watertight/Oitight		
材料 Material	灯罩 Lampshade	PC	
	灯体 Light body	ABS	
光源 Light source	LED		
额定绝缘电压 (UI) Rated insulation voltage	IEC60947-1	>800V	
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un	
额定电压 Rated Voltage	12V/DC		24V/DC
LED电流 LED Current	红色 Red	64mA	32mA
	黄色 Yellow	64mA	32mA
	绿色 Green	64mA	32mA
	蓝色 Blue	64mA	32mA
	白色 White	64mA	32mA
LED冲击电流 Surge current	所有颜色 All Colors	100mA	100mA
频率 Frequency	闪亮 Flashing	约1Hz About 1Hz	
蜂鸣器 Buzzer	电流 Current	18mA	
	音量 Volume	85dB	
电气寿命 Electrical life	约50000小时 About 50,000 hours		
接线方式 Connection mode	电子线 Wire	UL1007 AWG22 (L=800mm)	

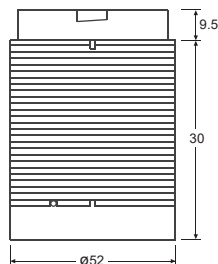
型号说明 (Select Code)



1 灯体颜色: 空白 = 黑色 A = 白色	Body color: None = Black A = White
2 层数: 1 = 1层 2 = 2层 3 = 3层 4 = 4层 5 = 5层	Layer number: 1 = 1 Layer 2 = 2 Layer 3 = 3 Layer 4 = 4 Layer 5 = 5 Layer
3 额定电压: 01 = 12V/DC 02 = 24V/DC	Voltage: 01 = 12V/DC 02 = 24V/DC
4 功能: 无指定 = 常亮无声音 A = 蜂鸣连续音 B = 蜂鸣间断音	Function: Blank = Steady on No sound A = Buzzer continuous B = Buzzer hiatus
5 安装方式: 空白 = 杆式安装 W = 直接安装	Installation method: Blank = Rod installation W = Installed directly
6 发光颜色: 红色 = R 黄色 = Y 绿色 = G 蓝色 = B 白色 = W	Color: Red = R Yellow = Y Green = G Blue = B White = W
7 发光方式: 无指定 = 常亮 1 = 闪亮	Light way: None = Steady 1 = Flashing

8 支架型号: 无指定 = 直接安装 A = 22A B = 22B D = 22D E = 22E J = 22J Z = 22Z	Stent models: None = Direct mount A = 22A B = 22B D = 22D E = 22E J = 22J Z = 22Z
9 铝管长度: 10 = 10cm 20 = 20cm 30 = 30cm 40 = 40cm	Aluminum tube length: 10 = 10cm 20 = 20cm 30 = 30cm 40 = 40cm

尺寸图 (Size Chart)



单位(Unit): mm

LED模块选型说明 LED module code

EL5 - A 02 R

① 电压 Voltage
01 = 12V/DC 01 = 12V/DC
02 = 24V/DC 02 = 24V/DC

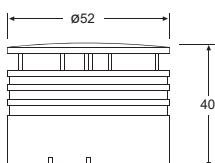
② 发光颜色 Color
红色LED = R Red = R
黄色LED = Y Yellow = Y
绿色LED = G Green = G
蓝色LED = B Blue = B
白色LED = W White = W

③ 发光方式 Light way
无指定 = 常亮 Blank = Steady
1 = 闪亮 1 = Flashing

参数说明 Parameter specification

发光颜色 Color	红色 Red	黄色 Yellow	绿色 Green	蓝色 Blue	白色 White
电流 Current	12V DC	64mA	64mA	64mA	64mA
	24V DC	32mA	32mA	32mA	32mA
光强 light intensity	213/Lux	134/Lux	342/Lux	129/Lux	459/Lux
闪亮频率 Frequency	60~90次/min 60~90 beats / min				
材料 Material	聚碳酸酯 PC				
重量 Quality	12/24VDC:44g				

尺寸图 (Size Chart)



单位(Unit): mm

灯体模块选型说明 Body module code

BL5 - B 02

① 电压 Voltage
01 = 12V/DC 01 = 12V/DC
02 = 24V/DC 02 = 24V/DC

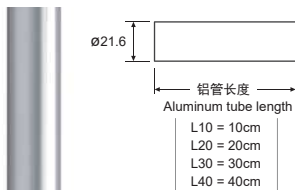
② 声音 Sound
无指定 = 无声音 None = No sound
A = 连续音 A = Buzzer continuous
B = 间断音 B = Buzzer hiatus

③ 灯体颜色 Body color
无指定 = 黑色 None = Black
A = 白色 A = White

参数说明 Parameter specification

电流 Current	12V DC	18mA
	24V DC	18mA
音量 Volume	85dB	
颜色 Color	黑色/白色 Black/White	
重量 Quality	12/24VDC:45g	

尺寸图 (Size Chart)



材料: 阳极氧化铝
Material: Anodized aluminum

选型说明 Model specification

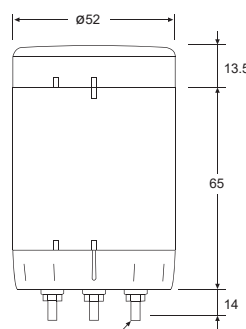
LG - D22 L10

① 直径 Diameter
D22 = 21.6mm D22 = 21.6mm

② 长度 Length
L10 = 10cm L10 = 10cm
L20 = 20cm L20 = 20cm
L30 = 30cm L30 = 30cm
L40 = 40cm L40 = 40cm

③ 颜色 Color
B = 黑色 B = Black
A = 白色 A = silver

尺寸图 (Size Chart)

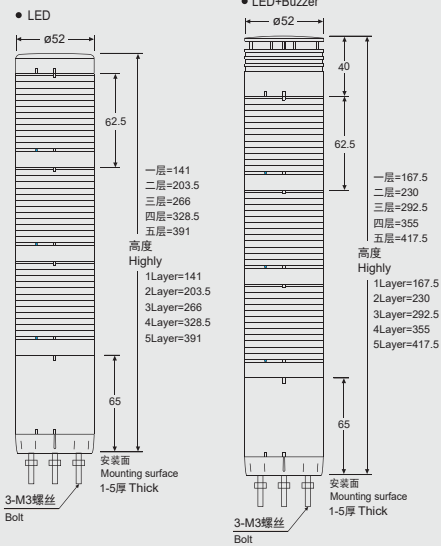


单位(Unit): mm

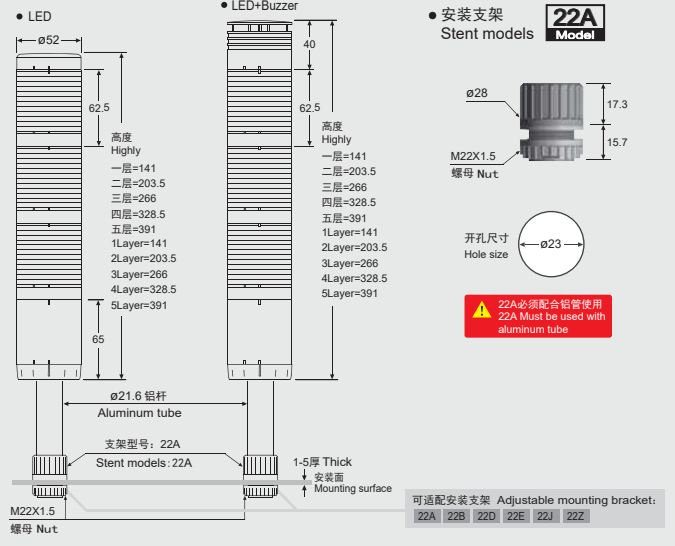
白色灯体型号
White light body model
BL5-BDTW

黑色灯体型号
Black light body model
BL5-BDTB

直接安装 Direct mount

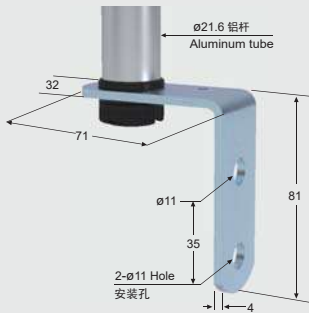


杆式安装 Rod mount

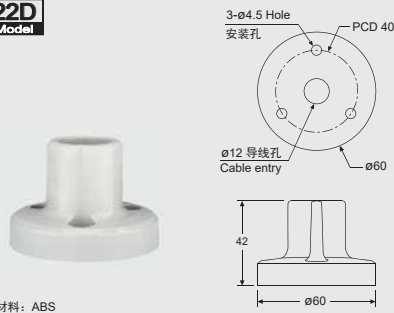


支架型号尺寸图 (Support model size diagram) 单位(Unit): mm

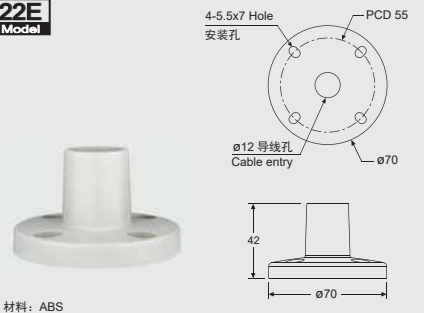
22B Model



22D Model

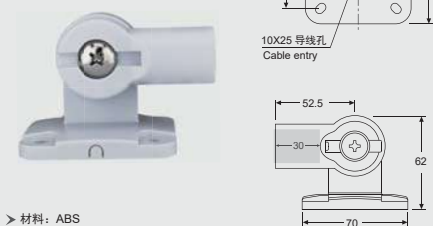


22E Model



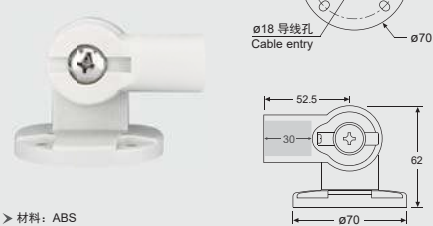
22J Model

折叠式



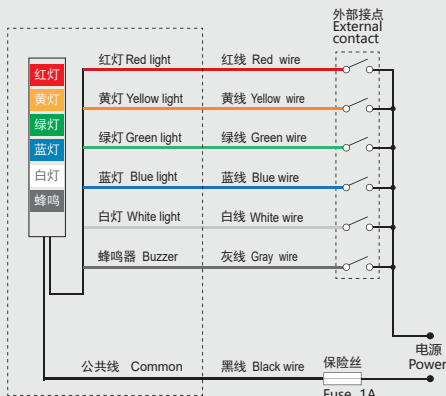
22Z Model

折叠式

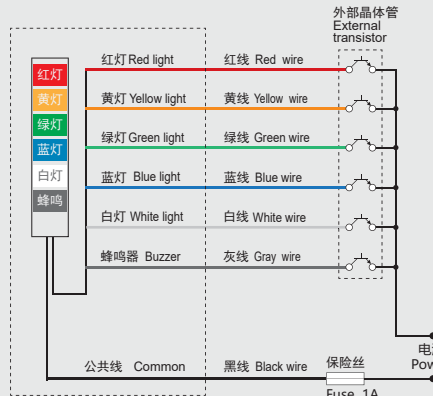


接线图 (Wiring Diagram)

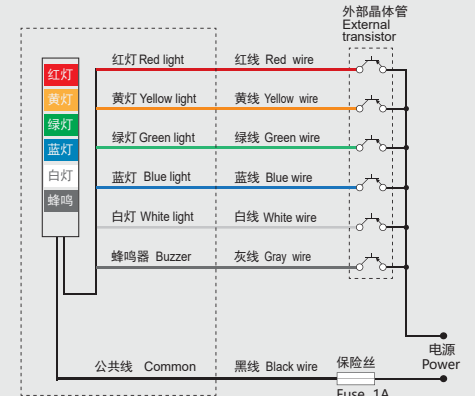
外部接点 External contact



NPN 晶体管 NPN transistor

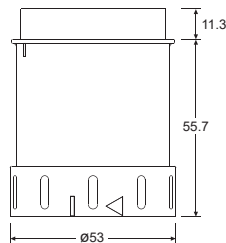


PNP 晶体管 PNP transistor



LED模块 LED module

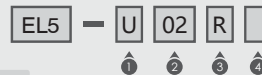
尺寸图 (Size Chart)



单位(Unit): mm



LED模块选型说明 LED module code



① 灯罩外观 Lampshade

U = 光滑灯罩 U = Smooth
S = 网格灯罩 S = Grille

② 电压 Voltage

01 = 12V/DC 01 = 12V/DC
02 = 24V/DC 02 = 24V/DC

③ 发光颜色 Color

红色LED = R Red = R
黄色LED = Y Yellow = Y
绿色LED = G Green = G
蓝色LED = B Blue = B
白色LED = W White = W

④ 发光方式 Light way

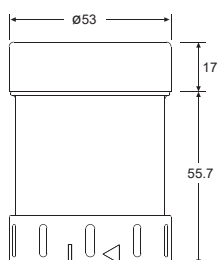
无指定 = 常亮 None = Steady
1 = 闪亮 1 = Flashing
2 = 转亮 2 = Rotating

参数说明 Parameter specification

发光颜色 Color		红色 Red	黄色 Yellow	绿色 Green	蓝色 Blue	白色 White
电流 Current	12V DC	90mA	90mA	90mA	90mA	90mA
	24V DC	45mA	45mA	45mA	45mA	45mA
光强 light intensity		213/Lux	134/Lux	342/Lux	129/Lux	459/Lux
闪亮频率 Flicker frequency		60~90次/min 60~90 beats / min				
转亮频率 Rotating frequency		约100转/分 About100 r/min				
材料 Material		聚碳酸酯 PC				
重量 Quality		12/24VDC:44g				

蜂鸣模块 Buzzer module

尺寸图 (Size Chart)



单位(Unit): mm

蜂鸣模块选型说明 Buzzer module code



① 外观 Appearance

U = 光滑灯罩 U = Smooth
S = 网格灯罩 S = Grille

② 电压 Voltage

01 = 12V/DC 01 = 12V/DC
02 = 24V/DC 02 = 24V/DC

③ 声音 Sound

无指定 = 无声音 None = No sound
A = 连续音 A = Buzzer continuous
B = 间断音 B = Buzzer hiatus

参数说明 Parameter specification

电流 Current	12V DC	18mA
	24V DC	18mA
音量 Volume		85dB
颜色 Color		黑色 Black
重量 Quality		12/24VDC:60g

铝管 Aluminum tube

选型说明 Model specification



① 直径 Diameter

D25 = 25mm D25 = 25mm

② 长度 Length

L10 = 10cm L10 = 10cm
L20 = 20cm L20 = 20cm
L30 = 30cm L30 = 30cm
L40 = 40cm L40 = 40cm

材料: 阳极氧化铝
Material: Anodized aluminum

灯盖 Lamp caps

灯盖型号
Lamp caps model

BL5-UDG1



单位(Unit): mm

材料: PC-ABS
Material: PC-ABS

接线座 Wiring body

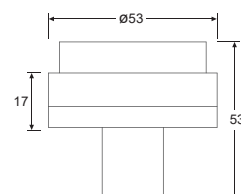
接线座型号
Wiring body model

BL5-UDT1



尺寸图 (Size Chart)

单位(Unit): mm



材料: PA66
Material: PA66

灯罩外观 (Lampshade appearance)

● 光滑灯罩 Smooth lampshade



灯罩表面平整光滑，有效防止灰尘和污垢的沉积，大大提高了远距离的可视性！

The lampshade has a smooth surface,
Effective in preventing dust and dirt
The deposition was greatly improved
Visibility from a distance

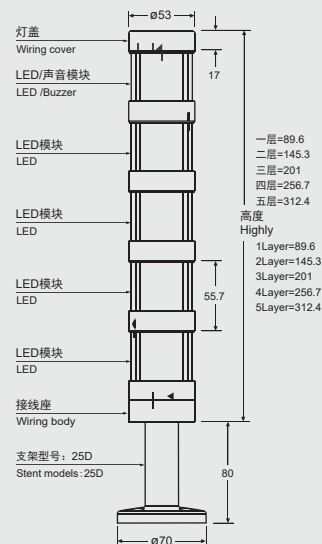
● 网格灯罩 Grille lampshade



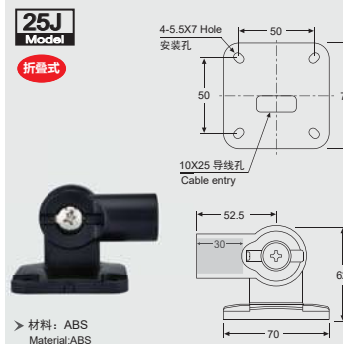
灯罩使用了内部立面外部横向混合型的棱镜切割技术，有效的把光源均匀的显示出来！

The lampshade uses the interior facade
External transverse hybrid prism cutting
Technology, effectively uniform light source
display

尺寸图 (Size Chart) 单位(Unit): mm



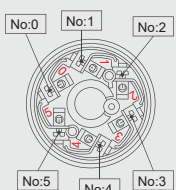
支架型号尺寸图 (Support model size diagram) 单位(Unit): mm



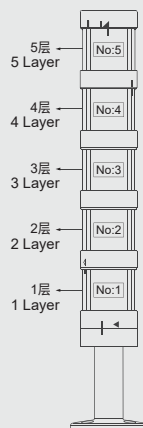
接线方法 (Connection method)

□ 接线座上数字对应的端子及模块

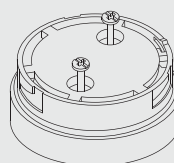
The terminal and module corresponding to the number on the wiring block



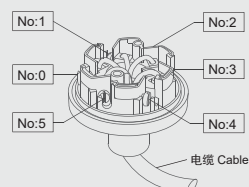
	No:0	公共线	Com
0	No:1	一层	1 Layer
1	No:2	二层	2 Layer
2	No:3	三层	3 Layer
3	No:4	四层	4 Layer
4	No:5	五层	5 Layer



第一步: 打开接线盖
Step 2: Open wiring cover

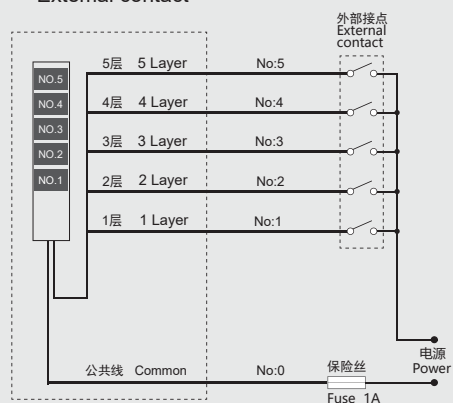


第二步: 根据模块的位置把线接到相对应的端子
Step 2: Connect the wire according to the position of the module Corresponding terminal

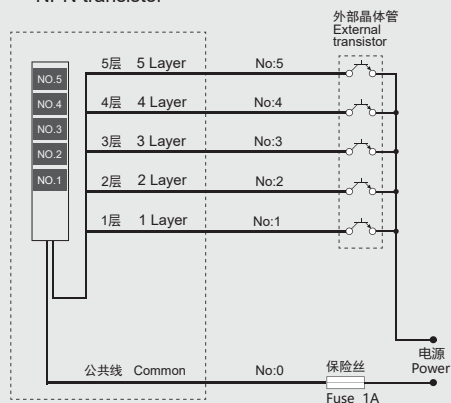


接线图 (Wiring Diagram)

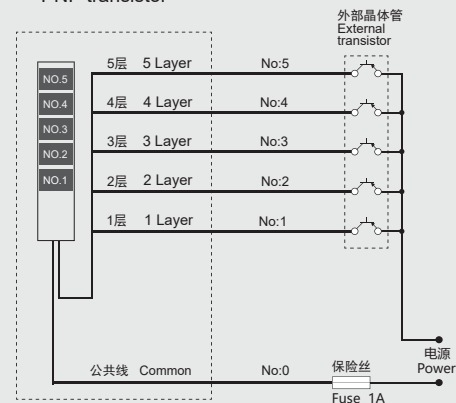
外部接点 External contact



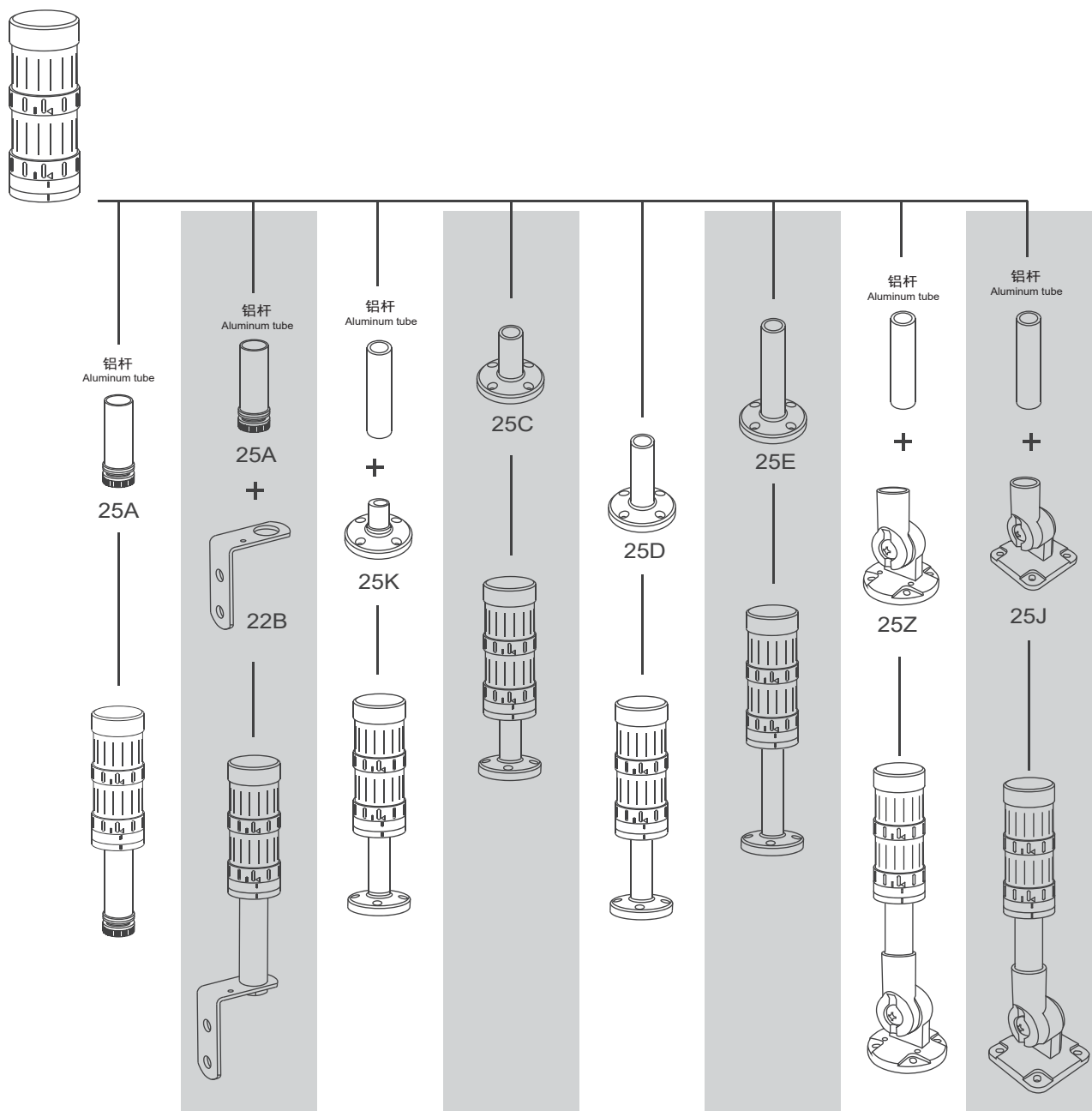
NPN 晶体管 NPN transistor



PNP 晶体管 PNP transistor



产品与安装支架装配示意图 (Assembly diagram of product and mounting bracket)



杆式安装
Rod installation



直接安装
Installed directly



GM5S

SERIES Ø52mm

多层信号灯 Tower lamp

- 中型外观设计, 适用小型精密设备
- 颜色明亮, 具有良好的警示效果
- 信号线的颜色对应灯的颜色, 便于接线
- 可以自由增加或减少LED颜色的数量
- 改变LED的排列顺序无需重新接线
- 低频蜂鸣器可以产生悦耳的警告音

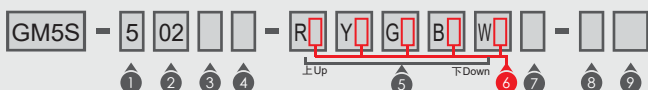
- Medium size design, suitable for small precision equipment
- The color is bright and has good warning effect
- The color of the signal cable corresponds to that of the lamp, which facilitates wiring
- Free to increase or decrease the number of LED colors
- Rewiring is not required to change the LED sequence
- A low-frequency buzzer can produce a pleasant warning sound



技术参数 (Technical Parameters)

标准 Standard		IEC/EN 61000-6	
认证 Signal		CE	
环境温度 The environment temperature	贮存 Storage	-40℃~+70℃	
	工作 Operating	-25℃~+55℃	
工作湿度 Operating humidity		45 to 85%RH	
防护等级 Degree of Protection		I P65 Watertight/Oitight	
材料 Material	灯罩 Lampshade	PC	
	灯体 Light body	ABS	
光源 Light source		LED	
额定绝缘电压 (U1) Rated insulation voltage	IEC60947-1	>800V	
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un	
额定电压 Rated Voltage		12V/DC	24V/DC
LED电流 LED Current	红色 Red	32mA	18mA
	黄色 Yellow	32mA	18mA
	绿色 Green	32mA	18mA
	蓝色 Blue	32mA	18mA
	白色 White	32mA	18mA
LED冲击电流 Surge current	所有颜色 All Colors	100mA	100mA
频率 Frequency	闪亮 Flashing	约1Hz About 1Hz	
蜂鸣器 Buzzer	电流 Current	18mA	
	音量 Volume	85dB	
电气寿命 Electrical life		约50000小时 About 50,000 hours	
接线方式 Connection mode	电子线 Wire	UL1007 AWG22 (L=800mm)	

型号说明 (Select Code)



1 层数: 1 = 1层 2 = 2层 3 = 3层 4 = 4层 5 = 5层	Layer number: 1 = 1 Layer 2 = 2 Layer 3 = 3 Layer 4 = 4 Layer 5 = 5 Layer
2 额定电压: 01 = 12V/DC 02 = 24V/DC	Voltage: 01 = 12V/DC 02 = 24V/DC
3 功能: 无指定 = 常亮无声音 A = 蜂鸣连续音 B = 蜂鸣间断音	Function: Blank = Steady on No sound A = Buzzer continuous B = Buzzer hiatus
4 安装方式: 空白 = 杆式安装 W = 直接安装	Installation method: Blank = Rod installation W = Installed directly
5 发光颜色: 红色 = R 黄色 = Y 绿色 = G 蓝色 = B 白色 = W	Color: Red = R Yellow = Y Green = G Blue = B White = W
6 发光方式: 无指定 = 常亮 1 = 闪亮	Light way: None = Steady 1 = Flashing
7 灯罩颜色: 空白 = 彩色 C = 透明色	Lamp Shade Color: No letters=Color C=Transparent color
8 支架型号: 无指定 = 直接安装 A = 18A B = 18B C = 18C D = 18D E = 18E J = 18J K = 18K L = 18L Z = 18Z	Stent models: None = Direct mount A = 18A B = 18B C = 18C D = 18D E = 18E J = 18J K = 18K L = 18L Z = 18Z
9 铝管长度: 10 = 10cm 20 = 20cm 30 = 30cm 40 = 40cm	Aluminum tube length: 10 = 10cm 20 = 20cm 30 = 30cm 40 = 40cm

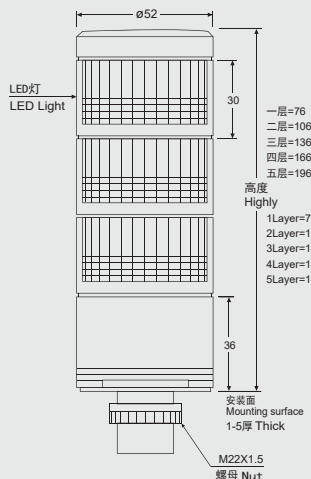
LED模块选型说明 LED module code



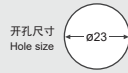
1 电压 Voltage 01 = 12V/DC 02 = 24V/DC	2 发光颜色 Color 红色LED = R 黄色LED = Y 绿色LED = G 蓝色LED = B 白色LED = W	3 发光方式 Light way 无指定 = 常亮 1 = 闪亮	4 灯罩颜色 Lamp Shade Color 空白 = 彩色 C = 透明色
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尺寸图 (Size Chart) 单位(Unit): mm

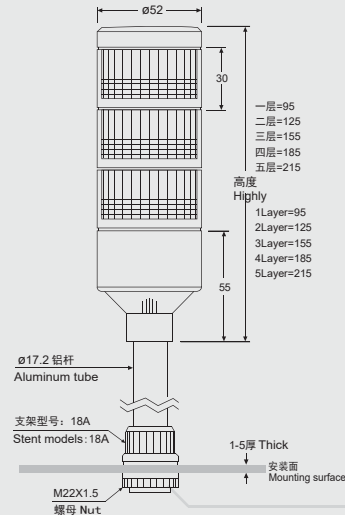
直接安装 Direct mount



安装尺寸 mounting dimensions



杆式安装 Rod mount



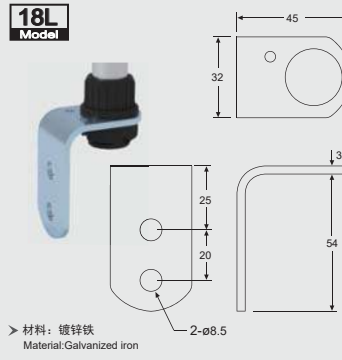
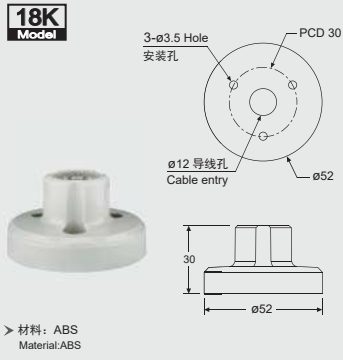
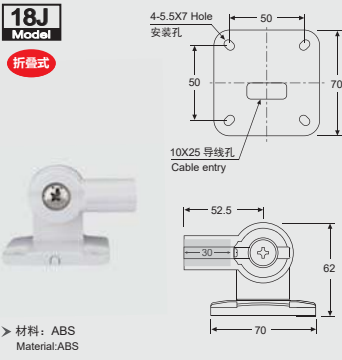
安装支架 Stent models 18A Model



18A必须配合铝管使用
18A Must be used with aluminum tube

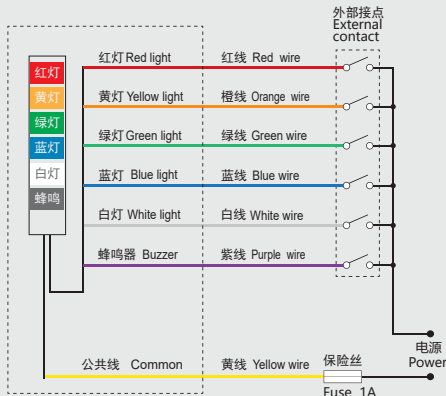
可适配安装支架 Adjustable mounting bracket:
18A 18B 18C 18D 18E 18J 18K 18L 18Z

支架型号尺寸图 (Support model size diagram) 单位(Unit): mm

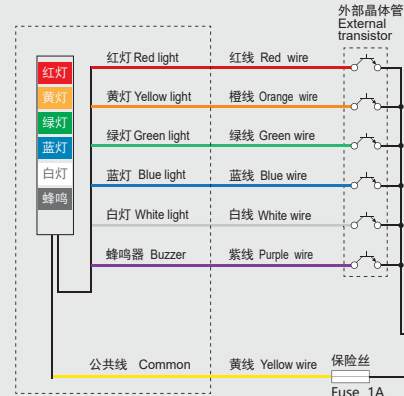


接线图 (Wiring Diagram)

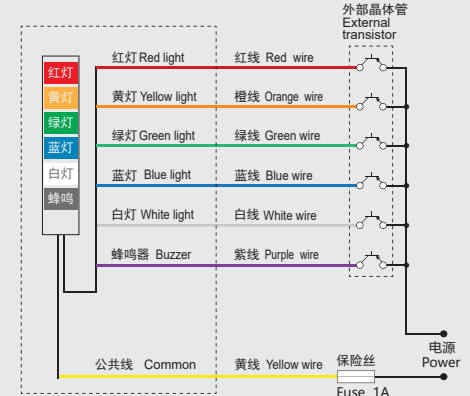
外部接点 External contact



NPN 晶体管 NPN transistor



PNP 晶体管 PNP transistor



杆式安装
Rod installation



直接安装
Installed directly



GM5SX | SERIES

Ø52mm

单体多色型 Monomer Multicolor

- 小型外观设计，适用小型精密设备
- 颜色明亮，具有良好的警示效果
- 信号线的颜色对应灯的颜色，便于接线
- 可以通过更换模块来改变颜色的数量
- 单层多色优化了设备的利用空间
- Small appearance design, suitable for small precision equipment
- The color is bright and has good warning effect
- The color of the signal cable corresponds to that of the lamp, which facilitates wiring
- The number of colors can be changed by changing modules
- Single layer multicolor optimizes the utilization space of the equipment



技术参数 (Technical Parameters)

标准 Standard	IEC/EN 61000-6		
认证 Signal	CE		
环境温度 The environment temperature	贮存 Storage	-40℃~+70℃	
	工作 Operating	-25℃~+55℃	
工作湿度 Operating humidity	45 to 85%RH		
防护等级 Degree of Protection	I P65 Watertight/Oiltight		
材料 Material	灯罩 Lampshade	PC	
	灯体 Light body	ABS	
光源 Light source	LED		
额定绝缘电压 (UI) Rated insulation voltage	IEC60947-1	>800V	
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un	
额定电压 Rated Voltage	12V/DC	24V/DC	
LED电流 LED Current	红色 Red	32mA	18mA
	黄色 Yellow	32mA	18mA
	绿色 Green	32mA	18mA
	蓝色 Blue	32mA	18mA
	白色 White	32mA	18mA
LED冲击电流 Surge current	所有颜色 All Colors	100mA	100mA
蜂鸣器 Buzzer	电流 Current	18mA	
	音量 Volume	85dB	
电气寿命 Electrical life	约50000小时 About 50,000 hours		
接线方式 Connection mode	电子线 Wire	UL1007 AWG22 (L=800mm)	

型号说明 (Select Code)



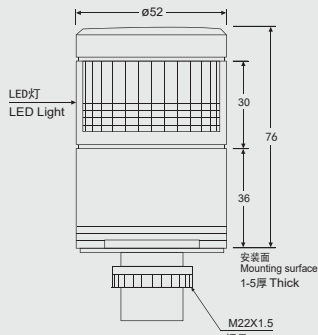
1 颜色数量: 1=1个颜色 2=2个颜色 3=3个颜色	Number of colors: 1 = 1 Color 2 = 2 Colors 3 = 3 Colors
2 额定电压: 01 = 12V/DC 02 = 24V/DC	Voltage: 01 = 12V/DC 02 = 24V/DC
3 声音方式: 无指定 = 无声音 A = 连续声 B = 间断音	Sound way: Blank = None sound way A = Continuous tone B = Intermittent sound
4 安装方式: 空白 = 杆式安装 W = 直接安装	Installation method: None = Rod installation W = Installed directly
5 灯罩颜色: 空白 = 透明色 O = 乳白色	Lamp Shade Color: No letters = Transparent O = Opal
6 发光颜色: 红色 = R 黄色 = Y 绿色 = G 蓝色 = B 白色 = W	Color: Red = R Yellow = Y Green = G Blue = B White = W
7 支架型号: 无指定 = 直接安装 A = 18A B = 18B C = 18C D = 18D Z = 18Z	Stent models: None = Direct mount A = 18A B = 18B C = 18C D = 18D Z = 18Z
8 铝管长度: 10 = 10cm 20 = 20cm 30 = 30cm 40 = 40cm	Aluminum tube length: 10 = 10cm 20 = 20cm 30 = 30cm 40 = 40cm

LED模块选型说明 LED module code

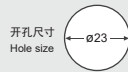


1 颜色数量 Number of colors	2 电压 Voltage	3 灯罩颜色 Lamp Shade Color	4 发光颜色 Color
1 = 1个颜色 2 = 2个颜色 3 = 3个颜色	01 = 12V/DC 02 = 24V/DC	空白 = 透明色 O = 乳白色	红色LED = R Yellow = Y 绿色LED = G 蓝色LED = B 白色LED = W
1 = 1 Color 2 = 2 Color 3 = 3 Color	01 = 12V/DC 02 = 24V/DC	No letters=Transparent O=Opal	Red = R Yellow = Y Green = G Blue = B White = W

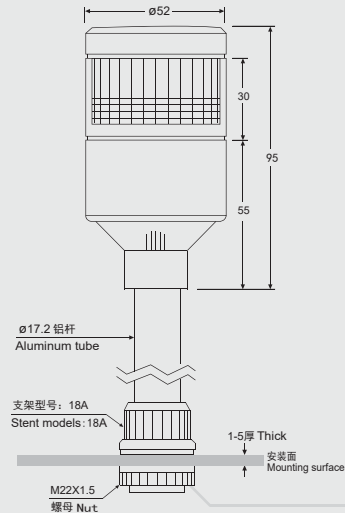
直接安装 Direct mount



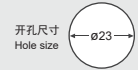
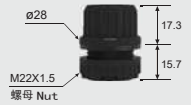
安装尺寸 mounting dimensions



杆式安装 Rod mount



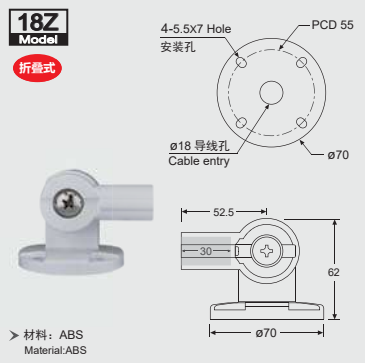
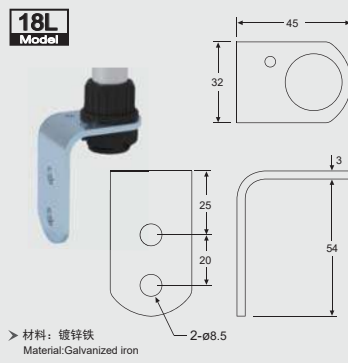
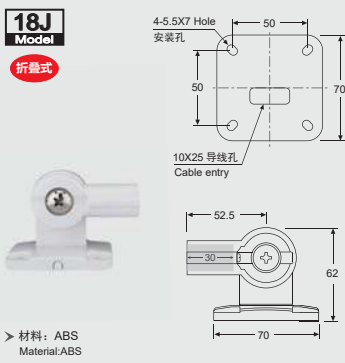
安装支架 Stent models 18A Model



18A必须配合铝管使用
18A Must be used with aluminum tube

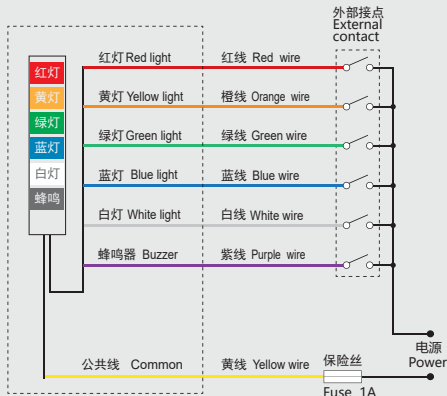
可适配安装支架 Adjustable mounting bracket:
18A 18B 18C 18D 18E 18J 18K 18L 18Z

支架型号尺寸图 (Support model size diagram) 单位(Unit): mm

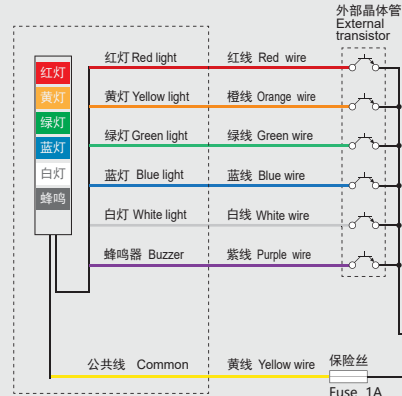


接线图 (Wiring Diagram)

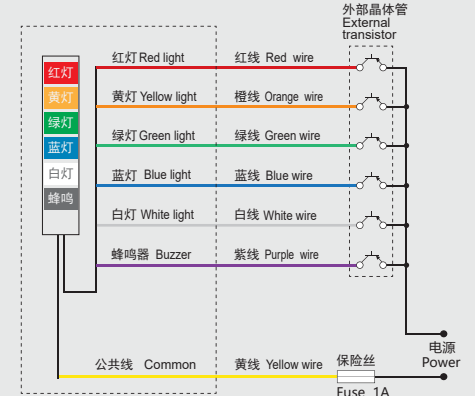
外部接点 External contact



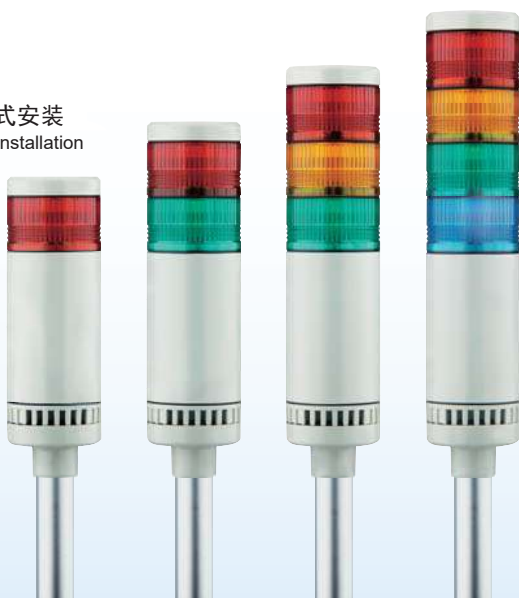
NPN 晶体管 NPN transistor



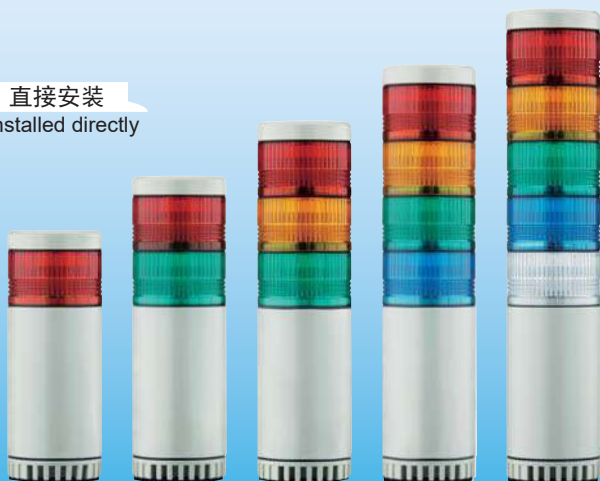
PNP 晶体管 PNP transistor



杆式安装
Rod installation



直接安装
Installed directly



GM5E

SERIES Ø52mm

多层信号灯 Tower lamp

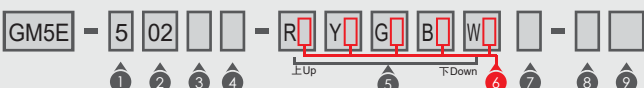
- 小型外观设计，适用小型精密设备
- 颜色明亮，具有良好的警示效果
- 信号线的颜色对应灯的颜色，便于接线
- 可以自由增加或减少LED颜色的数量
- 改变LED的排列顺序无需重新接线
- 声音的大小可以调节
- Small appearance design, suitable for small precision equipment
- The color is bright and has good warning effect
- The color of the signal cable corresponds to that of the lamp, which facilitates wiring
- Free to increase or decrease the number of LED colors
- Rewiring is not required to change the LED sequence
- The volume of the sound can be adjusted



技术参数 (Technical Parameters)

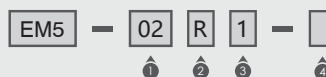
标准 Standard		IEC/EN 61000-6	
认证 Signal		CE	
环境温度 The environment temperature	贮存 Storage	-40°C~-+70°C	
	工作 Operating	-25°C~-+55°C	
工作湿度 Operating humidity		45 to 85%RH	
防护等级 Degree of Protection		I P65 Watertight/Oiltight	
材料 Material	灯罩 Lampshade	PC	
	灯体 Light body	ABS	
光源 Light source		LED	
额定绝缘电压 (UI) Rated insulation voltage	IEC60947-1	>800V	
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un	
额定电压 Rated Voltage		12V/DC	24V/DC
LED电流 LED Current	红色 Red	30mA	18mA
	黄色 Yellow	30mA	18mA
	绿色 Green	30mA	18mA
	蓝色 Blue	30mA	18mA
	白色 White	30mA	18mA
LED冲击电流 Surge current	所有颜色 All Colors	100mA	100mA
频率 Frequency	闪亮 Flashing	约1Hz About 1Hz	
蜂鸣器 Buzzer	电流 Current	18mA	
	音量 Volume	85dB	
电气寿命 Electrical life		约50000小时 About 50,000 hours	
接线方式 Connection mode	电子线 Wire	UL1007 AWG22 (L=800mm)	

型号说明 (Select Code)



1 层数: 1 = 1层 2 = 2层 3 = 3层 4 = 4层 5 = 5层	Layer number: 1 = 1 Layer 2 = 2 Layer 3 = 3 Layer 4 = 4 Layer 5 = 5 Layer
2 额定电压: 01 = 12V/DC 02 = 24V/DC	Voltage: 01 = 12V/DC 02 = 24V/DC
3 功能: 无指定 = 常亮无声音 A = 蜂鸣连续音 B = 蜂鸣间断音 C = 闪亮蜂鸣双音	Function: Blank = Steady on No sound A = Buzzer continuous B = Buzzer hiatus C = Flashing buzzer 2 sounds
4 安装方式: 空白 = 杆式安装 W = 直接安装	Installation method: Blank = Rod installation W = Installed directly
5 发光颜色: 红色 = R 黄色 = Y 绿色 = G 蓝色 = B 白色 = W	Color: Red = R Yellow = Y Green = G Blue = B White = W
6 发光方式: 无指定 = 常亮 1 = 闪亮	Light way: None = Steady 1 = Flashing
7 灯罩颜色: 空白 = 彩色 C = 透明色	Lamp Shade Color: No letters=Color C=Transparent color
8 支架型号: 无指定 = 直接安装 A = 18A B = 18B C = 18C D = 18D E = 18E J = 18J K = 18K L = 18L Z = 18Z	Stent models: None = Direct mount A = 18A B = 18B C = 18C D = 18D E = 18E J = 18J K = 18K L = 18L Z = 18Z
9 铝管长度: 10 = 10cm 20 = 20cm 30 = 30cm 40 = 40cm	Aluminum tube length: 10 = 10cm 20 = 20cm 30 = 30cm 40 = 40cm

LED模块选型说明 LED module code

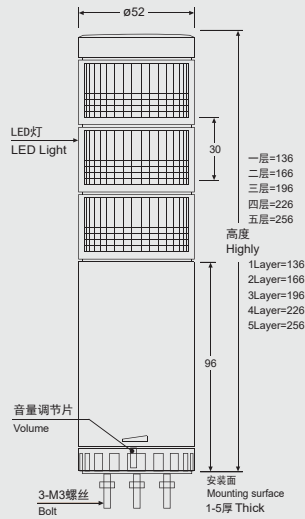


1 电压 Voltage	2 发光颜色 Color	3 发光方式 Light way	4 灯罩颜色 Lamp Shade Color
01 = 12V/DC 02 = 24V/DC	红色LED = R 黄色LED = Y 绿色LED = G 蓝色LED = B 白色LED = W	空白 = 常亮 1 = 闪亮	空白 = 彩色 C = 透明色
01 = 12V/DC 02 = 24V/DC	Red = R Yellow = Y Green = G Blue = B White = W	No letters = Steady 1 = Flashing	No letters = Color C=Transparent color

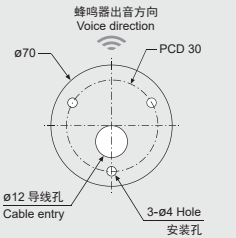
尺寸图 (Size Chart)

单位(Unit): mm

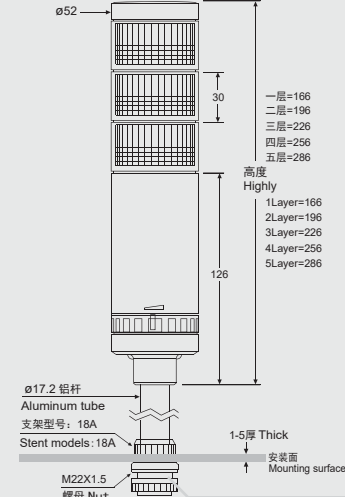
直接安装 Direct mount



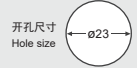
安装尺寸 mounting dimensions



杆式安装 Rod mount



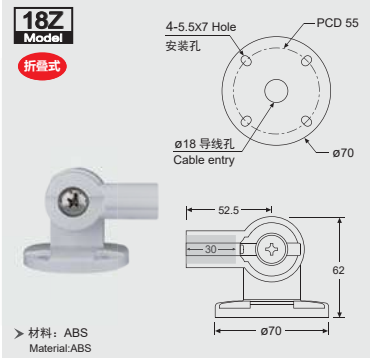
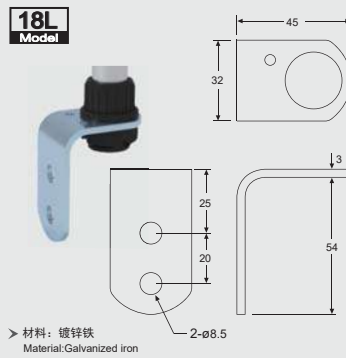
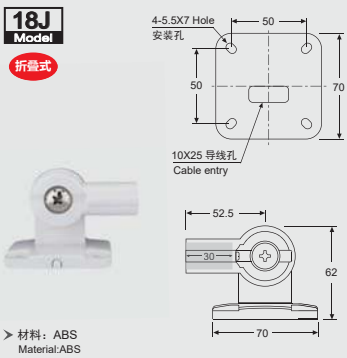
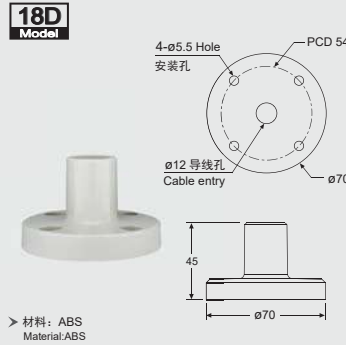
安装支架 Stent models



18A必须配合铝管使用
18A must be used with aluminum tube

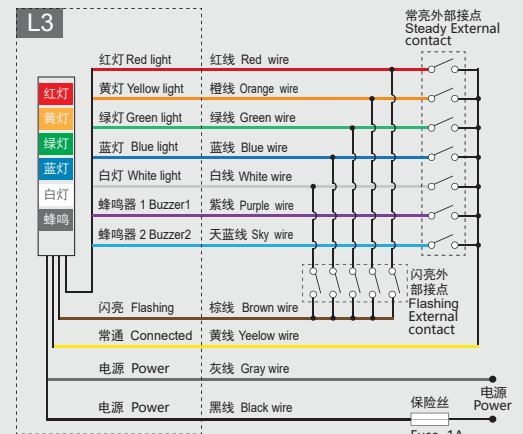
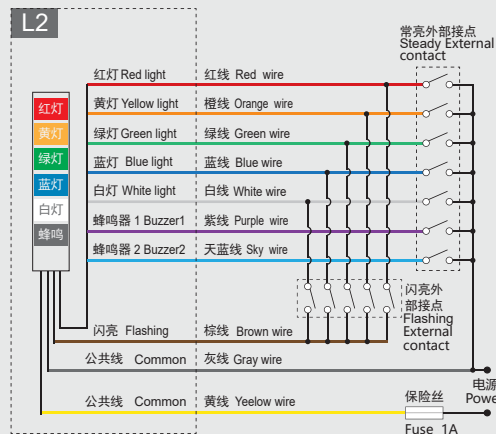
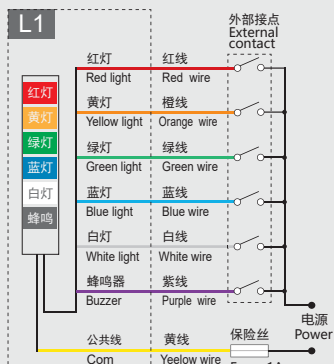
可适配安装支架 Adjustable mounting bracket.
18A 18B 18C 18D 18E 18J 18K 18L 18Z

支架型号尺寸图 (Support model size diagram) 单位(Unit): mm



接线图 (Wiring Diagram)

外部接点 External contact



杆式安装
Rod installation



直接安装
Installed directly

GM5EX | SERIES Ø52mm

单体多色型 Monomer Multicolor

- 小型外观设计, 适用小型精密设备
- 颜色明亮, 具有良好的警示效果
- 信号线的颜色对应灯的颜色, 便于接线
- 可以通过更换模块来改变颜色的数量
- 单层多色优化了设备的利用空间
- Small appearance design, suitable for small precision equipment
- The color is bright and has good warning effect
- The color of the signal cable corresponds to that of the lamp, which facilitates wiring
- The number of colors can be changed by changing modules
- Single layer multicolor optimizes the utilization space of the equipment



技术参数 (Technical Parameters)

标准 Standard	IEC/EN 61000-6		
认证 Signal	CE		
环境温度 The environment temperature	贮存 Storage	-40°C~-+70°C	
	工作 Operating	-25°C~-+55°C	
工作湿度 Operating humidity	45 to 85%RH		
防护等级 Degree of Protection	I P65 Watertight/Oitight		
材料 Material	灯罩 Lampshade	PC	
	灯体 Light body	ABS	
光源 Light source	LED		
额定绝缘电压 (UI) Rated insulation voltage	IEC60947-1	>800V	
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un	
额定电压 Rated Voltage		12V/DC	24V/DC
LED电流 LED Current	红色 Red	30mA	18mA
	黄色 Yellow	30mA	18mA
	绿色 Green	30mA	18mA
	蓝色 Blue	30mA	18mA
	白色 White	30mA	18mA
LED冲击电流 Surge current	所有颜色 All Colors	100mA	100mA
频率 Frequency	闪亮 Flashing	约1Hz About 1Hz	
蜂鸣器 Buzzer	电流 Current	18mA	
	音量 Volume	85dB	
电气寿命 Electrical life	约50000小时 About 50,000 hours		
接线方式 Connection mode	电子线 Wire	UL1007 AWG22 (L=800mm)	

型号说明 (Select Code)



① 颜色数量: 1=1个颜色 2=2个颜色 3=3个颜色	Number of colors: 1=1 Color 2=2 Colors 3=3 Colors
② 额定电压: 01=12V/DC 02=24V/DC	Voltage: 01=12V/DC 02=24V/DC
③ 声音方式: 无指定=无声音 A=连续声 B=间断音	Sound way: Blank= None sound way A= Continuous tone B= Intermittent sound
④ 安装方式: 空白=杆式安装 W=直接安装	Installation method: None= Rod installation W= Installed directly
⑤ 灯罩颜色: 空白=透明色 O=乳白色	Lamp Shade Color: No letters= Transparent O= Opal
⑥ 发光颜色: 红色=R 黄色=Y 绿色=G 蓝色=B 白色=W	Color: Red=R Yellow=Y Green=G Blue=B White=W
⑦ 支架型号: 无指定=直接安装 A=28A E=18E B=18B J=18J C=18C K=18K D=18D L=18L Z=18Z	Stent models: None= Direct mount A=28A E=18E B=18B J=18J C=18C K=18K D=18D L=18L Z=18Z
⑧ 铝管长度: 10=10cm 20=20cm 30=30cm 40=40cm	Aluminum tube length: 10=10cm 20=20cm 30=30cm 40=40cm

LED模块选型说明 LED module code



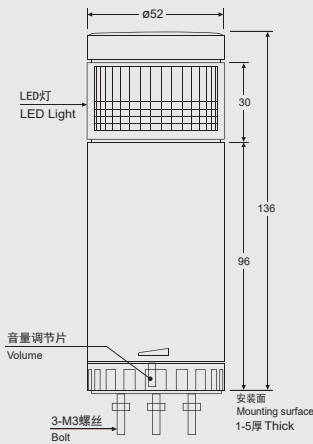
① 颜色数量 1=1个颜色 2=2个颜色 3=3个颜色	Number of colors 1=1 Color 2=2 Color 3=3 Color	② 电压 01=12V/DC 02=24V/DC	Voltage 01=12V/DC 02=24V/DC	④ 灯罩颜色 空白=透明色 O=乳白色	Lamp Shade Color Blank=Transparent O=Opal
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③ 发光颜色	Color
红色LED=R	Red=R
黄色LED=Y	Yellow=Y
绿色LED=G	Green=G
蓝色LED=B	Blue=B
白色LED=W	White=W

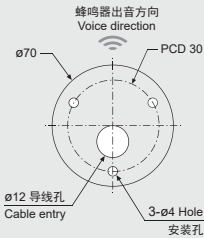
尺寸图 (Size Chart)

单位(Unit): mm

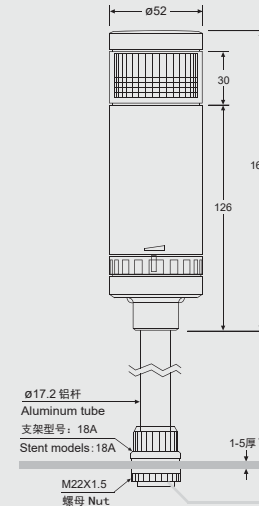
直接安装 Direct mount



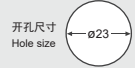
安装尺寸 mounting dimensions



杆式安装 Rod mount



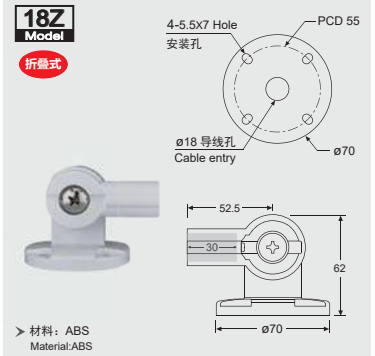
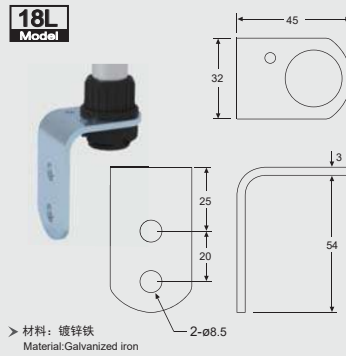
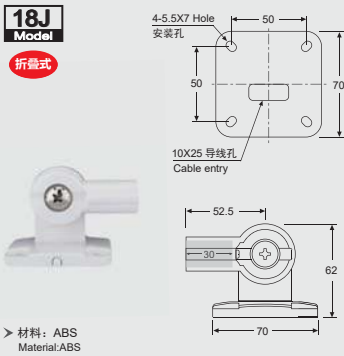
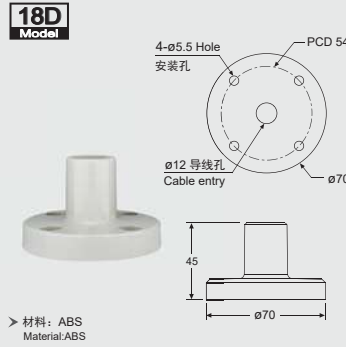
安装支架 Stent models



18A必须配合铝管使用
18A must be used with aluminum tube

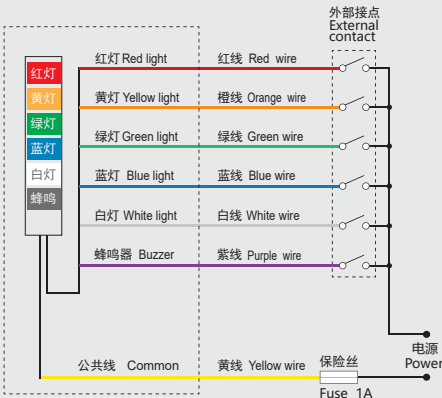
可适配安装支架 Adjustable mounting bracket.
18A 18B 18C 18D 18E 18J 18K 18L 18Z

支架型号尺寸图 (Support model size diagram) 单位(Unit): mm

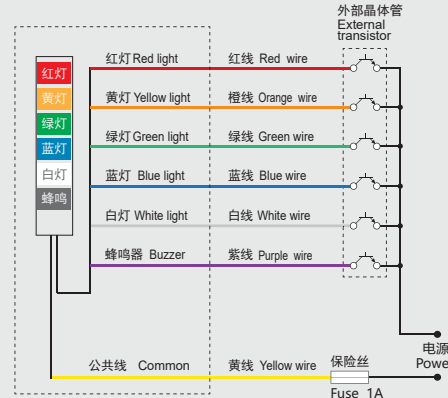


接线图 (Wiring Diagram)

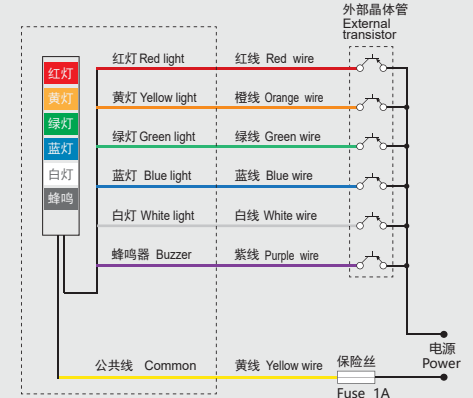
外部接点 External contact



NPN 晶体管 NPN transistor



PNP 晶体管 PNP transistor



GN5X

SERIES
Ø50mm

警示灯/单体多色型

Signal Light/Monomer Multicolor

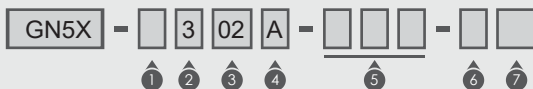
- 小型外观设计，适用小型精密设备
- 颜色明亮，具有良好的警示效果
- 信号线的颜色对应灯的颜色，便于接线
- 单层可以显示多种颜色，节约了设备的空间
- 可折叠式安装，方便设备的运输
- Small appearance design, suitable for small precision equipment
- The color is bright and has good warning effect
- The color of the signal cable corresponds to that of the lamp, which facilitates wiring
- Single layer can display multiple colors, saving device space
- Collapsible installation, convenient transportation of equipment



技术参数 (Technical Parameters)

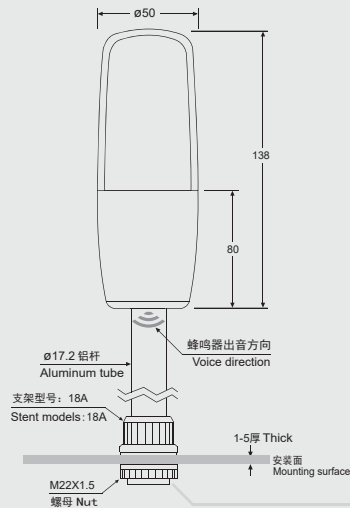
标准 Standard	IEC/EN 61000-6		
认证 Signal	CE		
环境温度 The environment temperature	贮存 Storage	-40℃~+70℃	
	工作 Operating	-25℃~+55℃	
工作湿度 Operating humidity	45 to 85%RH		
防护等级 Degree of Protection	I P65 Watertight/Oitight		
材料 Material	灯罩 Lampshade	PC	
	灯体 Light body	ABS	
光源 Light source	LED		
额定绝缘电压 (U1) Rated insulation voltage	IEC60947-1	>800V	
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un	
额定电压 Rated Voltage	12V/DC24V/DC		
LED电流 LED Current	红色 Red	30mA	18mA
	黄色 Yellow	30mA	18mA
	绿色 Green	30mA	18mA
	蓝色 Blue	30mA	18mA
	白色 White	30mA	18mA
LED冲击电流 Surge current	所有颜色 All Colors	100mA	100mA
蜂鸣器 Buzzer	电流 Current	18mA	
	音量 Volume	85dB	
电气寿命 Electrical life	约50000小时 About 50,000 hours		
接线方式 Connection mode	电子线 Wire	UL1007 AWG22 (L=800mm)	
	航插 Aviation plug	M12-5Pin / M12-8Pin	

型号说明 (Select Code)



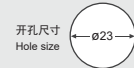
- 灯体颜色: 空白 = 黑色
A = 白色
Body color: Blank = Black
A = White
- 颜色数量: 1 = 1个颜色
2 = 2个颜色
3 = 3个颜色
Number of colors: 1 = 1 Color
2 = 2 Colors
3 = 3 Colors
- 额定电压: 01 = 12V/DC
02 = 24V/DC
Voltage: 01 = 12V/DC
02 = 24V/DC
- 声音方式: 无指定 = 无声音
A = 连续声
B = 间断音
Sound way: Blank = None sound way
A = Continuous tone
B = Intermittent sound
- 发光颜色: 红色 = R
黄色 = Y
绿色 = G
蓝色 = B
白色 = W
Color: Red = R
Yellow = Y
Green = G
Blue = B
White = W
- 支架型号: 无指定 = 直接安装
A = 28A
B = 18B
C = 18C
D = 18D
E = 18E
J = 18J
K = 18K
L = 18L
Z = 18Z
Stent models: None = Direct mount
A = 28A
B = 18B
C = 18C
D = 18D
E = 18E
J = 18J
K = 18K
L = 18L
Z = 18Z
- 铝管长度: 10 = 10cm
20 = 20cm
30 = 30cm
40 = 40cm
Aluminum tube length: 10 = 10cm
20 = 20cm
30 = 30cm
40 = 40cm

杆式安装 Rod mount



安装支架 Stent models

18A Model

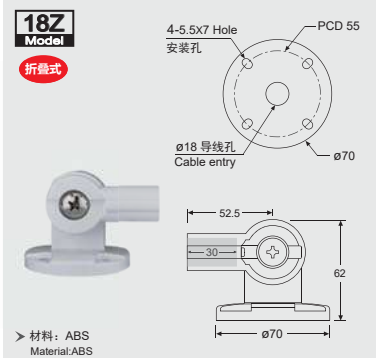
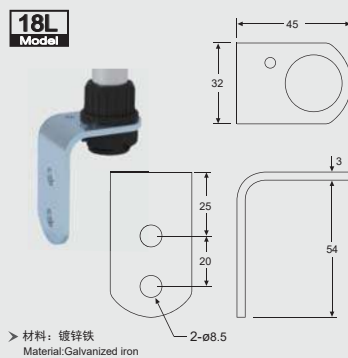
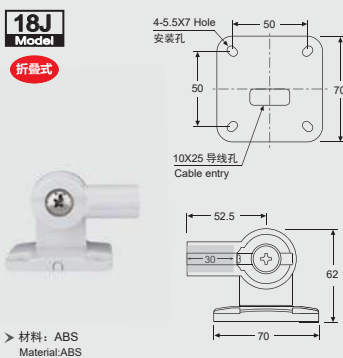
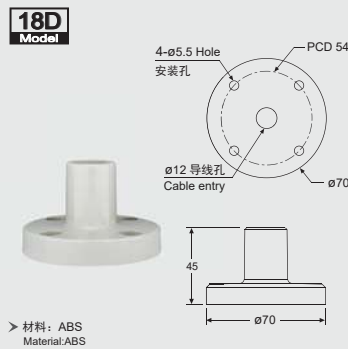
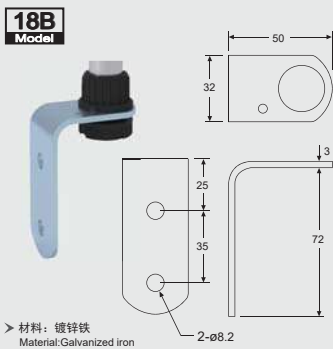


18A必须配合铝管使用
18A must be used with aluminum tube

可适配安装支架 Adjustable mounting bracket:

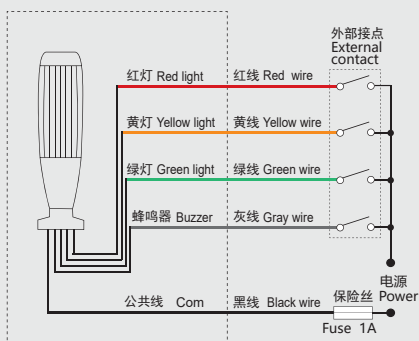
18A 18B 18C 18D 18E 18J 18K 18L 18Z

支架型号尺寸图 (Support model size diagram) 单位(Unit): mm

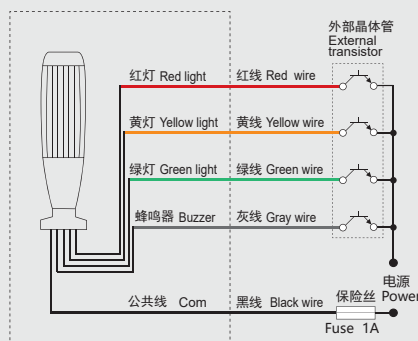


接线图 (Wiring Diagram)

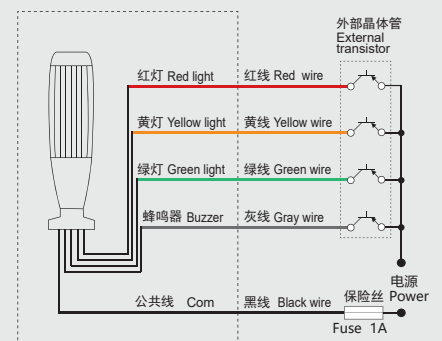
外部接点
External contact



NPN 晶体管
NPN transistor



PNP 晶体管
PNP transistor



GK5

SERIES
Ø55mm多层信号灯
Tower lamp

- ◇ 中型外观设计，适用通用型精密设备
- ◇ 颜色明亮，具有良好的警示效果
- ◇ 信号线的颜色对应灯的颜色，便于接线
- ◇ Medium size design, suitable for general precision equipment
- ◇ The color is bright and has good warning effect
- ◇ The color of the signal cable corresponds to that of the lamp, which facilitates wiring



技术参数 (Technical Parameters)

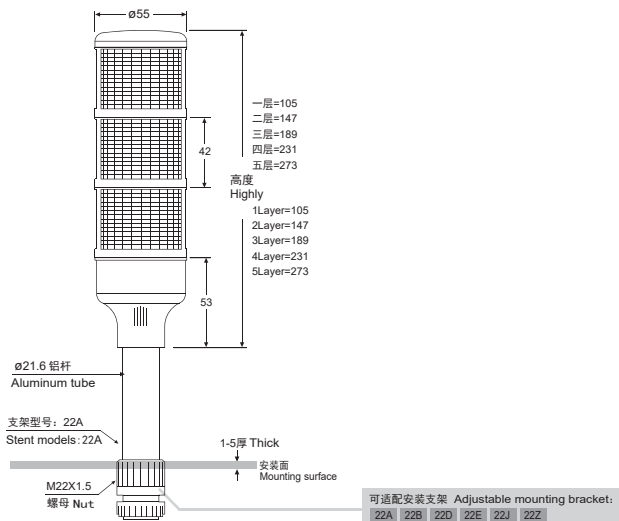
标准 Standard		IEC/EN 61000-6	
认证 Signal		CE	
环境温度 The environment temperature	贮存 Storage	-40℃~+70℃	
	工作 Operating	-25℃~+55℃	
工作湿度 Operating humidity		45 to 85%RH	
防护等级 Degree of Protection		IP65 Watertight/Oiltight	
材料 Material	灯罩 Lampshade	PC	
	灯体 Light body	ABS	
光源 Light source		LED	
额定绝缘电压 (UI) Rated insulation voltage	IEC60947-1	>800V	
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un	
额定电压 Rated Voltage		12V/DC	24V/DC
LED电流 LED Current	红色 Red	30mA	18mA
	黄色 Yellow	30mA	18mA
	绿色 Green	30mA	18mA
	蓝色 Blue	30mA	18mA
	白色 White	30mA	18mA
LED冲击电流 Surge current	所有颜色 All Colors	100mA	100mA
蜂鸣器 Buzzer	电流 Current	18mA	
	音量 Volume	85dB	
电气寿命 Electrical life		约50000小时 About 50,000 hours	
接线方式 Connection mode	电子线 Wire	UL1007 AWG22 (L=800mm)	

型号说明 (Select Code)

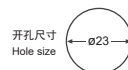
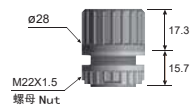


① 层数: 1 = 1层 2 = 2层 3 = 3层 4 = 4层 5 = 5层	Layer number: 1 = 1 Layer 2 = 2 Layer 3 = 3 Layer 4 = 4 Layer 5 = 5 Layer
② 额定电压: 01 = 12V/DC 02 = 24V/DC	Voltage: 01 = 12V/DC 02 = 24V/DC
③ 功能: 无指定 = 常亮无声音 A = 蜂鸣连续音 B = 蜂鸣间断音	Function: Blank = Steady on No sound A = Buzzer continuous B = Buzzer hiatus
④ 发光颜色: 红色 = R 黄色 = Y 绿色 = G 蓝色 = B 白色 = W	Color: Red = R Yellow = Y Green = G Blue = B White = W
⑤ 灯罩颜色: 空白 = 彩色 C = 透明色	Lamp Shade Color: Blank = Color C = Transparent color
⑥ 支架型号: 无指定 = 直接安装 A = 22A B = 22B D = 22D E = 22E J = 22J Z = 22Z	Stent models: None = Direct mount A = 22A B = 22B D = 22D E = 22E J = 22J Z = 22Z
⑦ 铝管长度: 10 = 10cm 20 = 20cm 30 = 30cm 40 = 40cm	Aluminum tube length: 10 = 10cm 20 = 20cm 30 = 30cm 40 = 40cm

□ 杆式安装Rod mount



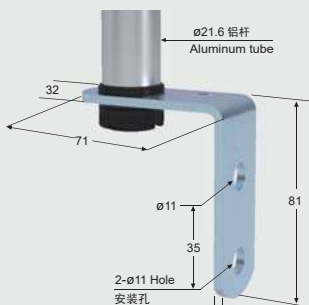
● 安装支架 Stent models **22A Model**



22A必须配合铝管使用
22A must be used with aluminum tube

支架型号尺寸图 (Support model size diagram) 单位(Unit): mm

22B Model



材料: 镀锌铁
Material: Galvanized iron

22D Model



材料: ABS
Material: ABS

22E Model



材料: ABS
Material: ABS

22J Model

折叠式



材料: ABS
Material: ABS

22Z Model

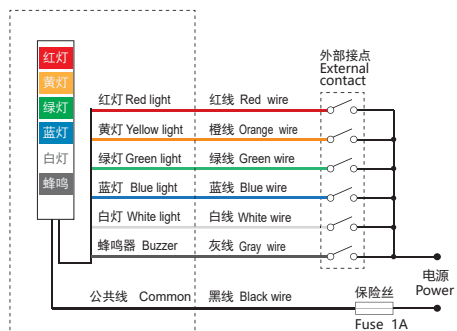
折叠式



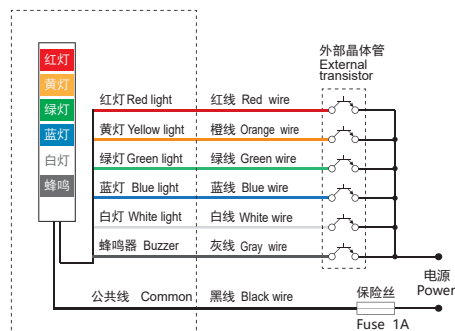
材料: ABS
Material: ABS

接线图 (Wiring Diagram)

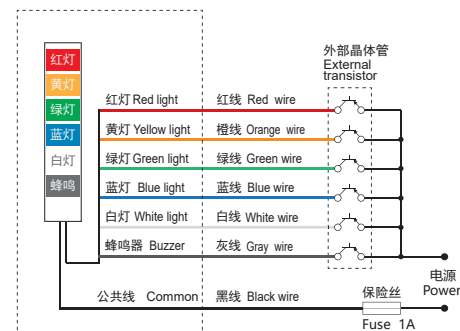
□ 外部接点
External contact



□ NPN 晶体管
NPN transistor



□ PNP 晶体管
PNP transistor



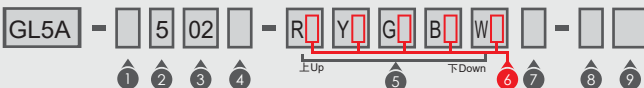
GL5A

SERIES
Ø60mm多层信号灯
Tower lamp

- ◇ 中型外观设计，适用中型精密设备
- ◇ 颜色明亮，具有良好的警示效果
- ◇ 信号线的颜色对应灯的颜色，便于接线
- ◇ 可以自由增加或减少LED颜色的数量
- ◇ 改变LED的排列顺序无需重新接线
- ◇ Medium appearance design, suitable for medium precision equipment
- ◇ The color is bright and has good warning effect
- ◇ The color of the signal cable corresponds to that of the lamp, which facilitates wiring
- ◇ Free to increase or decrease the number of LED colors
- ◇ Rewiring is not required to change the LED sequence



型号说明 (Select Code)

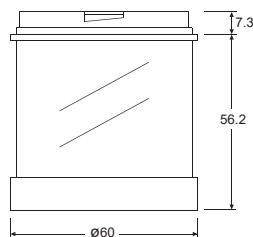


- | | |
|--|---|
| 1 灯体颜色: 空白 = 黑色
A = 白色 | Body color: Blank = Black
A = White |
| 2 层数: 1 = 1层
2 = 2层
3 = 3层
4 = 4层
5 = 5层 | Layer number: 1 = 1 Layer
2 = 2 Layer
3 = 3 Layer
4 = 4 Layer
5 = 5 Layer |
| 3 额定电压: 01 = 12V/DC
02 = 24V/DC | Voltage: 01 = 12V/DC
02 = 24V/DC |
| 4 功能: 无指定 = 常亮无声音
A = 蜂鸣连续音
B = 蜂鸣间断音 | Function: None = Steady on No sound
A = Buzzer continuous
B = Buzzer hiatus |
| 5 发光颜色: 红色 = R
黄色 = Y
绿色 = G
蓝色 = B
白色 = W | Color: Red = R
Yellow = Y
Green = G
Blue = B
White = W |
| 6 发光方式: 无指定 = 常亮
1 = 闪亮 | Light way: None = Steady
1 = Flashing |
| 7 灯罩颜色: 空白 = 彩色
C = 透明色
O = 乳白色 | Lamp Shade Color: No letters = Colour
C = Transparent color
O = Opal color |
| 8 支架型号: 无指定 = 直接安装
A = 22A
B = 22B
D = 22D
E = 22E
J = 22J
Z = 22Z | Stent models: None = Direct mount
A = 22A
B = 22B
D = 22D
E = 22E
J = 22J
Z = 22Z |
| 9 铝管长度: 10 = 10cm
20 = 20cm
30 = 30cm
40 = 40cm | Aluminum tube length: 10 = 10cm
20 = 20cm
30 = 30cm
40 = 40cm |

技术参数 (Technical Parameters)

标准 Standard		IEC/EN 61000-6	
认证 Signal		CE	
环境温度 The environment temperature	贮存 Storage	-40℃~+70℃	
	工作 Operating	-25℃~+55℃	
工作湿度 Operating humidity		45 to 85%RH	
防护等级 Degree of Protection		I P65 Watertight/Oitight	
材料 Material	灯罩 Lampshade	PC	
	灯体 Light body	ABS	
光源 Light source		LED	
额定绝缘电压 (U1) Rated insulation voltage	IEC60947-1	>800V	
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un	
额定电压 Rated Voltage		12V/DC	24V/DC
LED电流 LED Current	红色 Red	64mA	32mA
	黄色 Yellow	64mA	32mA
	绿色 Green	64mA	32mA
	蓝色 Blue	64mA	32mA
	白色 White	64mA	32mA
LED冲击电流 Surge current	所有颜色 All Colors	100mA	100mA
频率 Frequency	闪亮 Flashing	约1Hz About 1Hz	
蜂鸣器 Buzzer	电流 Current	18mA	
	音量 Volume	85dB	
电气寿命 Electrical life		约50000小时 About 50,000 hours	
接线方式 Connection mode	电子线 Wire	UL1007 AWG22 (L=800mm)	

□ 尺寸图 (Size Chart)



单位(Unit): mm



□ LED模块选型说明 LED module code

EL6 - A 02 R

①

②

③

④

③ 发光方式 Light way

无指定 = 常亮 None = Steady

1 = 闪亮 1 = Flashing

② 发光颜色 Color

红色LED = R Red = R

黄色LED = Y Yellow = Y

绿色LED = G Green = G

蓝色LED = B Blue = B

白色LED = W White = W

④ 灯罩颜色 Lamp Shade Color

空白 = 彩色 No letters = Colour

C = 透明色 C = Transparent color

O = 乳白色 O = Opal color

① 电压 Voltage

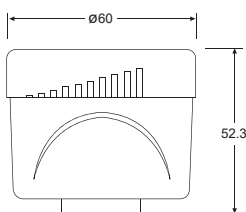
01 = 12V/DC 01 = 12V/DC

02 = 24V/DC 02 = 24V/DC

参数说明 Parameter specification

发光颜色 Color	红色 Red	黄色 Yellow	绿色 Green	蓝色 Blue	白色 White
电流 Current					
12V DC	64mA	64mA	64mA	64mA	64mA
24V DC	32mA	32mA	32mA	32mA	32mA
光强 light intensity	213/Lux	134/Lux	342/Lux	129/Lux	459/Lux
闪亮频率 Frequency	60~90次/min 60~90 beats / min				
材料 Material	聚碳酸酯 PC				
重量 Quality	12/24VDC:44g				

□ 尺寸图 (Size Chart)



单位(Unit): mm

□ 灯体模块选型说明 Body module code

BL6 - A 02

①

②

③

① 电压 Voltage

01 = 12V/DC 01 = 12V/DC

02 = 24V/DC 02 = 24V/DC

② 声音 Sound

无指定 = 无声音 None = No sound

A = 连续音 A = Buzzer continuous

B = 间断音 B = Buzzer hiatus

③ 灯体颜色 Body color

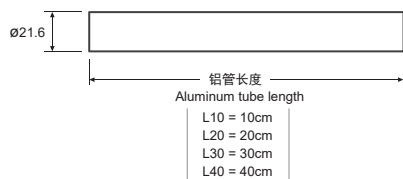
无指定 = 黑色 None = Black

A = 白色 A = White

参数说明 Parameter specification

电流 Current	12V DC	18mA
	24V DC	18mA
音量 Volume	85dB	
颜色 Color	黑色/白色 Black/White	
重量 Quality	12/24VDC:85g	

□ 尺寸图 (Size Chart)



➤ 材料: 阳极氧化铝
Material: Anodized aluminum

□ 选型说明 Model specification

LG - D22 L10

①

②

③

① 直径 Diameter

D22 = 21.6mm D22 = 21.6mm

② 长度 Length

L10 = 10cm L10 = 10cm

L20 = 20cm L20 = 20cm

L30 = 30cm L30 = 30cm

L40 = 40cm L40 = 40cm

③ 颜色 Color

B = 黑色 B = Black

A = 白色 S = silver

灯罩外观 (Lampshade appearance)

● 光滑灯罩 Smooth lampshade



灯罩表面平整光滑, 有效防止灰尘和污垢的沉积, 大大提高了远距离的可视性!

The lampshade has a smooth surface,
Effective in preventing dust and dirt
The deposition was greatly improved
Visibility from a distance

● 网格灯罩 Grille lampshade

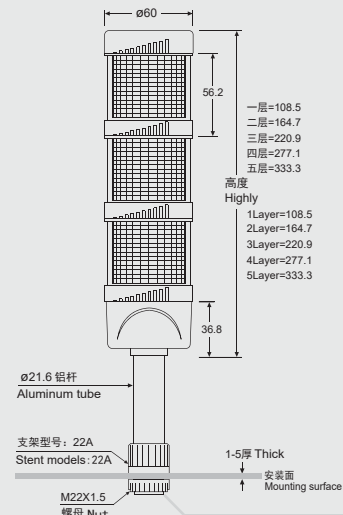


灯罩使用了内部立面外部横向混合型的棱镜切割技术, 有效的把光源均匀的显示出来!

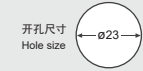
The lampshade uses the interior facade
External transverse hybrid prism cutting
Technology, effectively uniform light source
display

尺寸图 (Size Chart) 单位(Unit): mm

□ 杆式安装 Rod mount



● 安装支架 Stent models

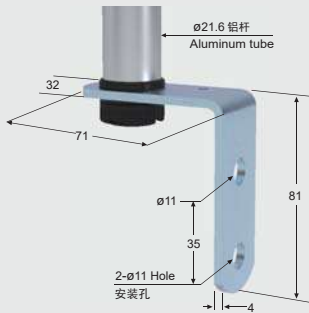


⚠ 22A必须配合铝管使用
22A must be used with aluminum tube

可适配安装支架 Adjustable mounting bracket:
22A 22B 22D 22E 22J 22Z

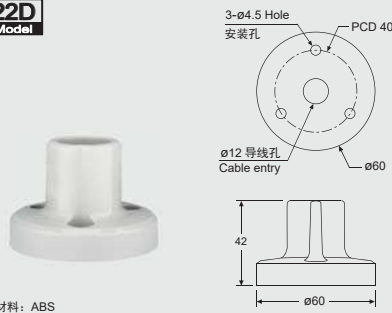
支架型号尺寸图 (Support model size diagram) 单位(Unit): mm

22B Model



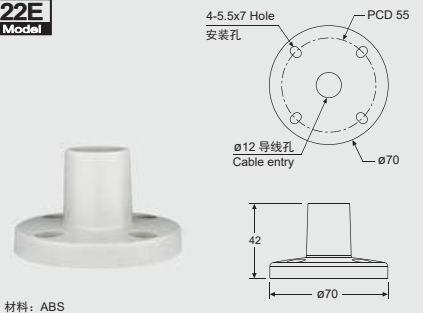
➤ 材料: 镀锌铁
Material: Galvanized iron

22D Model



➤ 材料: ABS
Material: ABS

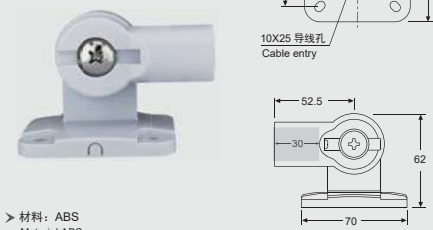
22E Model



➤ 材料: ABS
Material: ABS

22J Model

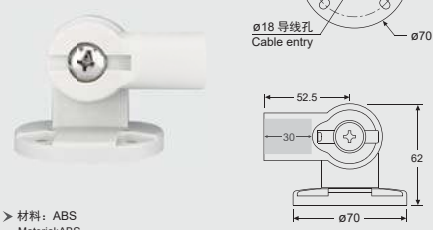
折叠式



➤ 材料: ABS
Material: ABS

22Z Model

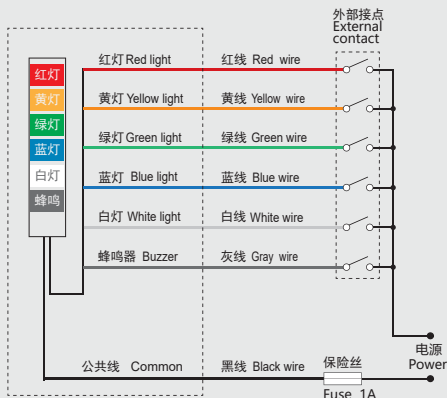
折叠式



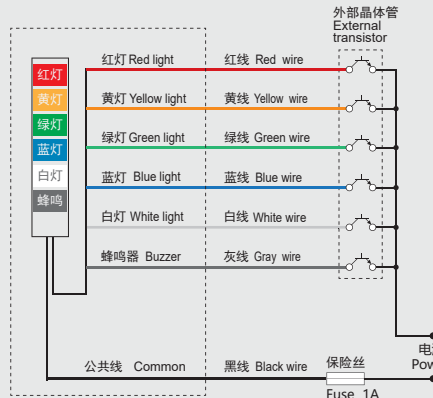
➤ 材料: ABS
Material: ABS

接线图 (Wiring Diagram)

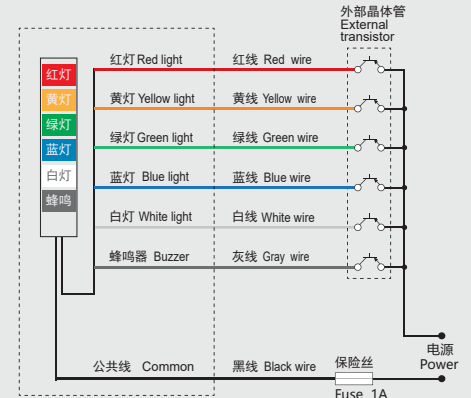
□ 外部接点 External contact



□ NPN 晶体管 NPN transistor



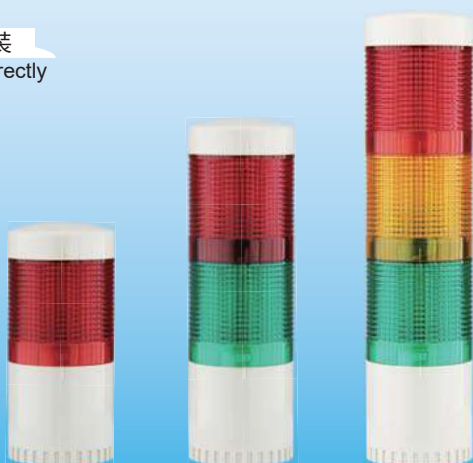
□ PNP 晶体管 PNP transistor



杆式安装
Rod installation



直接安装
Installed directly



GL6C

SERIES ø60mm

多层信号灯 Tower lamp

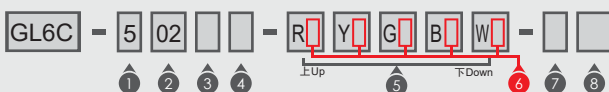
- 中型外观设计，适用中型精密设备
- 颜色明亮，具有良好的警示效果
- 信号线的颜色对应灯的颜色，便于接线
- 可以自由增加或减少LED颜色的数量
- 改变LED的排列顺序无需重新接线
- Medium appearance design, suitable for medium precision equipment
- The color is bright and has good warning effect
- The color of the signal cable corresponds to that of the lamp, which facilitates wiring
- Free to increase or decrease the number of LED colors
- Rewiring is not required to change the LED sequence



技术参数 (Technical Parameters)

标准 Standard		IEC/EN 61000-6	
认证 Signal		CE	
环境温度 The environment temperature	贮存 Storage	-40℃~-+70℃	
	工作 Operating	-25℃~-+55℃	
工作湿度 Operating humidity		45 to 85%RH	
防护等级 Degree of Protection		I P65 Watertight/Oitight	
材料 Material	灯罩 Lampshade	PC	
	灯体 Light body	ABS	
光源 Light source		LED	
额定绝缘电压 (U1) Rated insulation voltage	IEC60947-1	>800V	
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un	
额定电压 Rated Voltage		12V/DC	24V/DC
LED电流 LED Current	红色 Red	64mA	32mA
	黄色 Yellow	64mA	32mA
	绿色 Green	64mA	32mA
	蓝色 Blue	64mA	32mA
	白色 White	64mA	32mA
LED冲击电流 Surge current	所有颜色 All Colors	100mA	100mA
频率 Frequency	闪亮 Flashing	约1Hz About 1Hz	
蜂鸣器 Buzzer	电流 Current	18mA	
	音量 Volume	85dB	
电气寿命 Electrical life		约50000小时 About 50,000 hours	
接线方式 Connection mode	电子线 Wire	UL1007 AWG22 (L=800mm)	

型号说明 (Select Code)



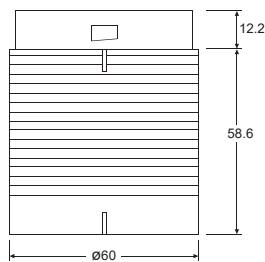
1 层数: 1 = 1层 2 = 2层 3 = 3层 4 = 4层 5 = 5层	Layer number: 1 = 1 Layer 2 = 2 Layer 3 = 3 Layer 4 = 4 Layer 5 = 5 Layer
2 额定电压: 01 = 12V/DC 02 = 24V/DC	Voltage: 01 = 12V/DC 02 = 24V/DC
3 功能: 无指定 = 常亮无声音 A = 蜂鸣连续音 B = 蜂鸣间断音	Function: Blank = Steady on No sound A = Buzzer continuous B = Buzzer hiatus
4 安装方式: 空白 = 杆式安装 W = 直接安装	Installation method: None = Rod installation W = Installed directly
5 发光颜色: 红色 = R 黄色 = Y 绿色 = G 蓝色 = B 白色 = W	Color: Red = R Yellow = Y Green = G Blue = B White = W
6 发光方式: 无指定 = 常亮 1 = 闪亮	Light way: None = Steady 1 = Flashing

7 支架型号: 无指定 = 直接安装 A = 22A B = 22B D = 22D E = 22E J = 22J Z = 22Z	Stent models: None = Direct mount A = 22A B = 22B D = 22D E = 22E J = 22J Z = 22Z
--	---

8 铝管长度: 10 = 10cm 20 = 20cm 30 = 30cm 40 = 40cm	Aluminum tube length: 10 = 10cm 20 = 20cm 30 = 30cm 40 = 40cm
--	--

LED模块 LED module

尺寸图 (Size Chart)



单位(Unit): mm

LED模块选型说明 LED module code

EL6 - C 02 R

① ② ③

① 电压 Voltage

01 = 12V/DC 01 = 12V/DC
02 = 24V/DC 02 = 24V/DC

② 发光颜色 Color

红色LED = R Red = R
黄色LED = Y Yellow = Y
绿色LED = G Green = G
蓝色LED = B Blue = B
白色LED = W White = W

③ 发光方式 Light way

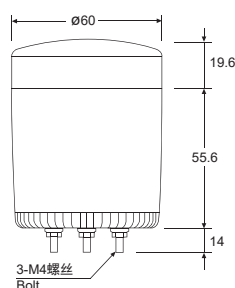
无指定 = 常亮 None = Steady
1 = 闪亮 1 = Flashing

参数说明 Parameter specification

发光颜色 Color	红色 Red	黄色 Yellow	绿色 Green	蓝色 Blue	白色 White
电流 Current	12V DC	64mA	64mA	64mA	64mA
	24V DC	32mA	32mA	32mA	32mA
光强 light intensity	213/Lux	134/Lux	342/Lux	129/Lux	459/Lux
闪亮频率 Frequency	60~90次/min 60~90 beats / min				
材料 Material	聚碳酸酯 PC				
重量 Quality	12/24VDC:44g				

灯体模块 Body module

尺寸图 (Size Chart) 单位(Unit): mm



灯体模块选型说明 Body module code

BL6 - C 02

① ②

① 电压 Voltage

01 = 12V/DC 01 = 12V/DC
02 = 24V/DC 02 = 24V/DC

② 声音 Sound

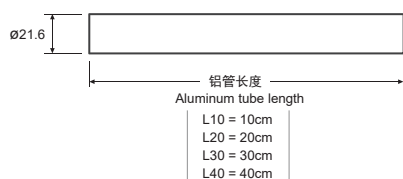
无指定 = 无声音 None = No sound
A = 连续音 A = Buzzer continuous
B = 间断音 B = Buzzer hiatus

参数说明 Parameter specification

电流 Current	12V DC	18mA
	24V DC	18mA
音量 Volume	85dB	
颜色 Color	白色 White	
重量 Quality	12/24VDC:85g	

铝管 Aluminum tube

尺寸图 (Size Chart)



材料: 阳极氧化铝
Material: Anodized aluminum

选型说明 Model specification

LG - D22 L10

① ② ③

① 直径 Diameter

D22 = 21.6mm D22 = 21.6mm

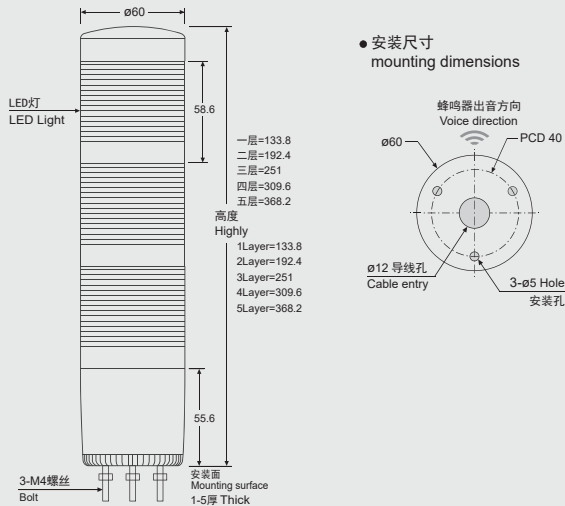
② 长度 Length

L10 = 10cm L10 = 10cm
L20 = 20cm L20 = 20cm
L30 = 30cm L30 = 30cm
L40 = 40cm L40 = 40cm

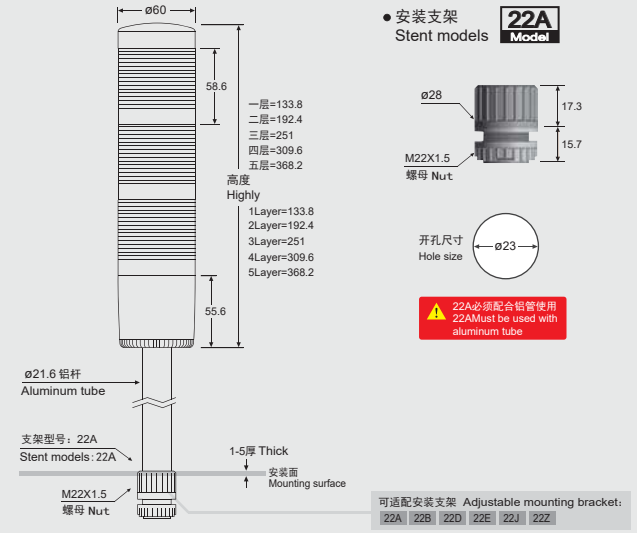
③ 颜色 Color

B = 黑色 B = Black
A = 白色 A = silver

直接安装 Direct mount

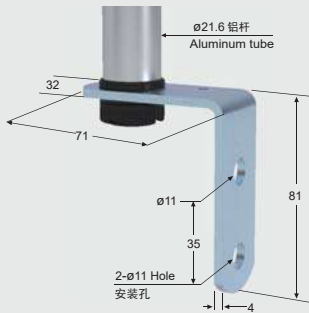


杆式安装 Rod mount

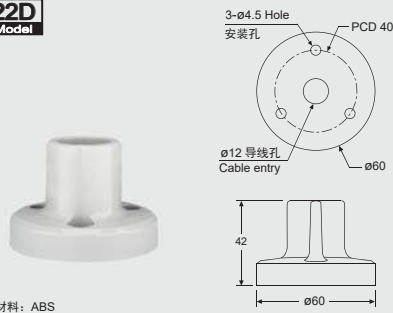


支架型号尺寸图 (Support model size diagram) 单位(Unit): mm

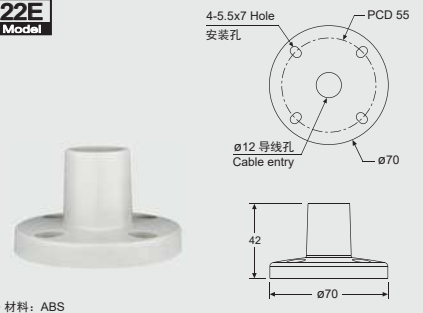
22B Model



22D Model

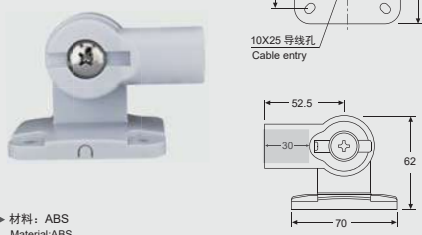


22E Model



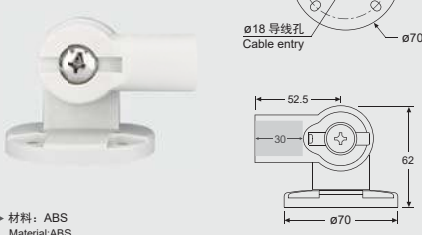
22J Model

折叠式



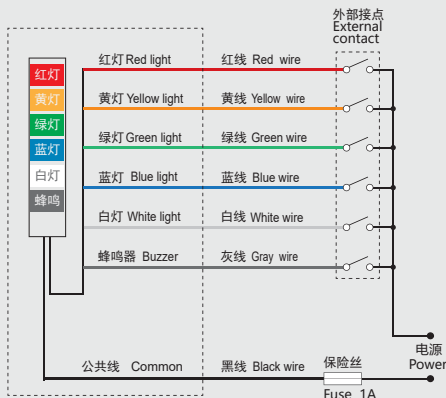
22Z Model

折叠式

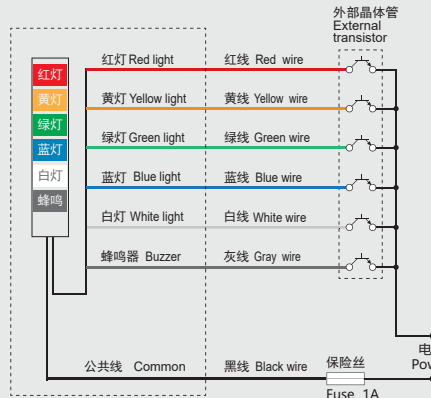


接线图 (Wiring Diagram)

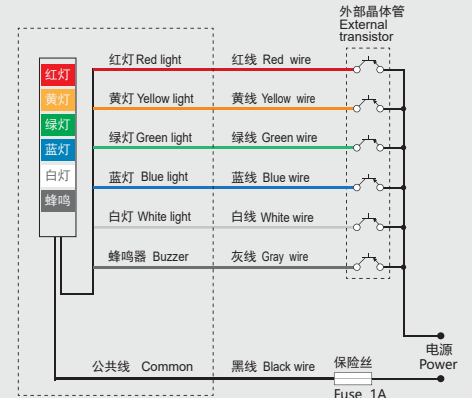
外部接点 External contact



NPN 晶体管 NPN transistor



PNP 晶体管 PNP transistor



杆式安装
Rod installation



直接安装
Installed directly



GL6S

SERIES Ø60mm

多层信号灯 Tower lamp

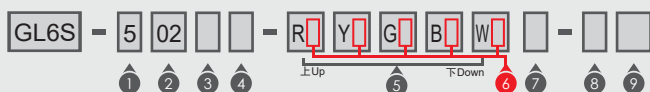
- ◇ 中型外观设计，适用中型精密设备
- ◇ 颜色明亮，具有良好的警示效果
- ◇ 信号线的颜色对应灯的颜色，便于接线
- ◇ 可以自由增加或减少LED颜色的数量
- ◇ 改变LED的排列顺序无需重新接线
- ◇ Medium appearance design, suitable for medium precision equipment
- ◇ The color is bright and has good warning effect
- ◇ The color of the signal cable corresponds to that of the lamp, which facilitates wiring
- ◇ Free to increase or decrease the number of LED colors
- ◇ Rewiring is not required to change the LED sequence



技术参数 (Technical Parameters)

标准 Standard		IEC/EN 61000-6	
认证 Signal		CE	
环境温度 The environment temperature	贮存 Storage	-40℃~-+70℃	
	工作 Operating	-25℃~-+55℃	
工作湿度 Operating humidity		45 to 85%RH	
防护等级 Degree of Protection		I P65 Watertight/Oiltight	
材料 Material	灯罩 Lampshade	PC	
	灯体 Light body	ABS	
光源 Light source		LED	
额定绝缘电压 (U1) Rated insulation voltage	IEC60947-1	>800V	
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un	
额定电压 Rated Voltage		12V/DC	24V/DC
LED电流 LED Current	红色 Red	30mA	16mA
	黄色 Yellow	30mA	16mA
	绿色 Green	30mA	16mA
	蓝色 Blue	30mA	16mA
	白色 White	30mA	16mA
LED冲击电流 Surge current	所有颜色 All Colors	100mA	100mA
频率 Frequency	闪亮 Flashing	约1Hz About 1Hz	
蜂鸣器 Buzzer	电流 Current	18mA	
	音量 Volume	85dB	
电气寿命 Electrical life		约50000小时 About 50,000 hours	
接线方式 Connection mode	电子线 Wire	UL1007 AWG22 (L=800mm)	

型号说明 (Select Code)

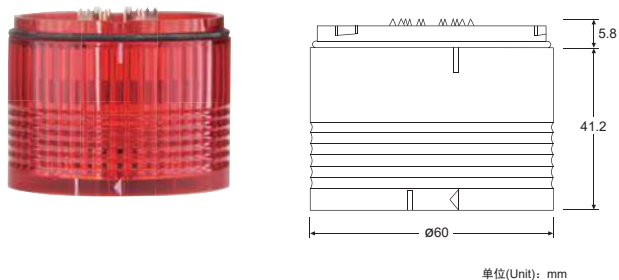


① 层数: 1 = 1层 2 = 2层 3 = 3层 4 = 4层 5 = 5层	Layer number: 1 = 1 Layer 2 = 2 Layer 3 = 3 Layer 4 = 4 Layer 5 = 5 Layer
② 额定电压: 01 = 12V/DC 02 = 24V/DC	Voltage: 01 = 12V/DC 02 = 24V/DC
③ 功能: 无指定 = 常亮无声音 A = 蜂鸣连续音 B = 蜂鸣间断音	Function: Blank = Steady on No sound A = Buzzer continuous B = Buzzer hiatus
④ 安装方式: 空白 = 杆式安装 W = 直接安装	Installation method: None = Rod installation W = Installed directly
⑤ 发光颜色: 红色 = R 黄色 = Y 绿色 = G 蓝色 = B 白色 = W	Color: Red = R Yellow = Y Green = G Blue = B White = W
⑥ 发光方式: 无指定 = 常亮 1 = 闪亮	Light way: None = Steady 1 = Flashing
⑦ 灯罩颜色: 空白 = 彩色 C = 透明色	Lamp Shade Color: No letters=Color C=Transparent color

⑧ 支架型号: 无指定 = 直接安装 A = 22A B = 22B D = 22D E = 22E J = 22J Z = 22Z	Stent models: None = Direct mount A = 22A B = 22B D = 22D E = 22E J = 22J Z = 22Z
⑨ 铝管长度: 10 = 10cm 20 = 20cm 30 = 30cm 40 = 40cm	Aluminum tube length: 10 = 10cm 20 = 20cm 30 = 30cm 40 = 40cm

LED模块 LED module

尺寸图 (Size Chart)



单位(Unit): mm

LED模块选型说明 LED module code

EL6 - S 02 R

① ② ③

① 电压 Voltage

01 = 12V/DC 01 = 12V/DC
02 = 24V/DC 02 = 24V/DC

② 发光颜色 Color

红色LED = R Red = R
黄色LED = Y Yellow = Y
绿色LED = G Green = G
蓝色LED = B Blue = B
白色LED = W White = W

③ 发光方式 Light way

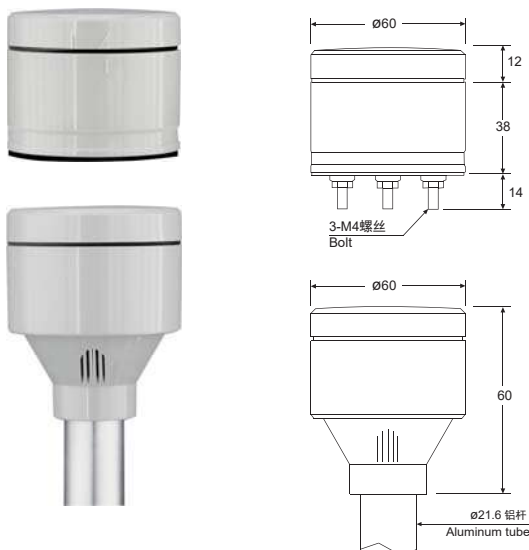
无指定 = 常亮 None = Steady
1 = 闪亮 1 = Flashing

参数说明 Parameter specification

发光颜色 Color	红色 Red	黄色 Yellow	绿色 Green	蓝色 Blue	白色 White
电流 Current	12V DC	64mA	64mA	64mA	64mA
	24V DC	32mA	32mA	32mA	32mA
光强 light intensity	213/Lux	134/Lux	342/Lux	129/Lux	459/Lux
闪亮频率 Frequency	60~90次/min 60~90 beats / min				
材料 Material	聚碳酸酯 PC				
重量 Quality	12/24VDC:44g				

灯体模块 Body module

尺寸图 (Size Chart) 单位(Unit): mm



3-M4螺丝 Bolt

ø21.6 铝杆 Aluminum tube

灯体模块选型说明 Body module code

BL6 - S 02

① ② ③

② 声音 Sound

无指定 = 无声音 None = No sound
A = 连续音 A = Buzzer continuous
B = 间断音 B = Buzzer hiatus

① 电压 Voltage

01 = 12V/DC 01 = 12V/DC
02 = 24V/DC 02 = 24V/DC

③ 安装方式 Installation method

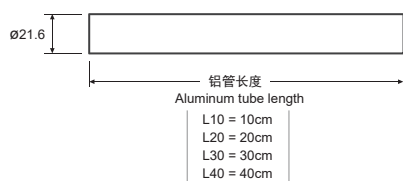
无指定 = 杆式安装 None = Rod installation
W = 直接安装 W = Installed directly

参数说明 Parameter specification

电流 Current	12V DC	18mA
	24V DC	18mA
音量 Volume	85dB	
颜色 Color	白色 White	
重量 Quality	12/24VDC:85g	

铝管 Aluminum tube

尺寸图 (Size Chart)



材料: 阳极氧化铝
Material: Anodized aluminum

选型说明 Model specification

LG - D22 L10

① ② ③

① 直径 Diameter

D22 = 21.6mm D22 = 21.6mm

② 长度 Length

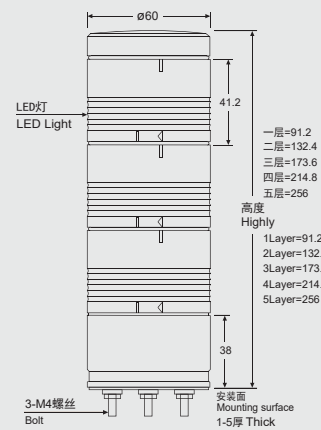
L10 = 10cm L10 = 10cm
L20 = 20cm L20 = 20cm
L30 = 30cm L30 = 30cm
L40 = 40cm L40 = 40cm

③ 颜色 Color

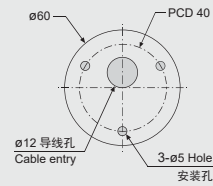
B = 黑色 B = Black
A = 白色 A = silver

尺寸图 (Size Chart) 单位(Unit): mm

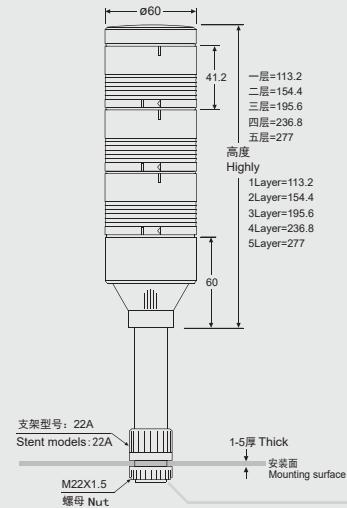
直接安装 Direct mount



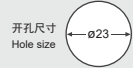
安装尺寸 mounting dimensions



杆式安装 Rod mount



安装支架 Stent models



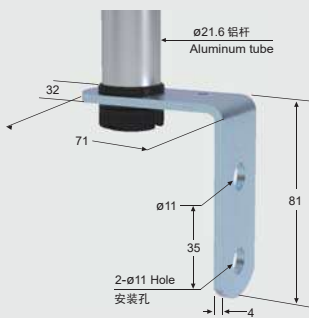
22A必须配合铝管使用
22A must be used with aluminum tube

可适配安装支架 Adjustable mounting bracket:

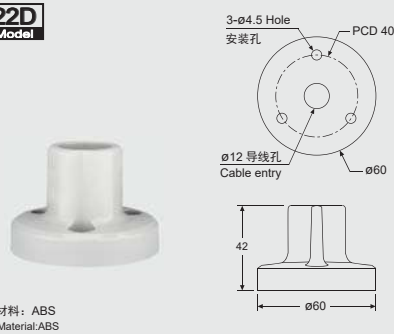
22A 22B 22D 22E 22J 22Z

支架型号尺寸图 (Support model size diagram) 单位(Unit): mm

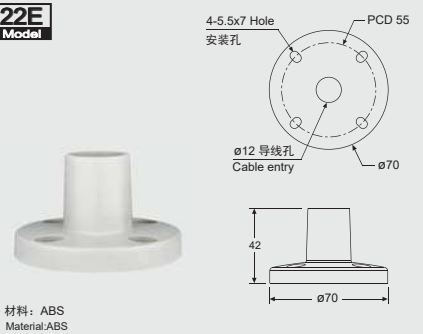
22B Model



22D Model

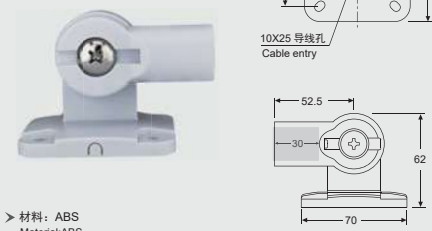


22E Model



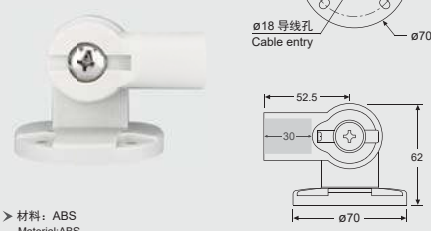
22J Model

折臂式



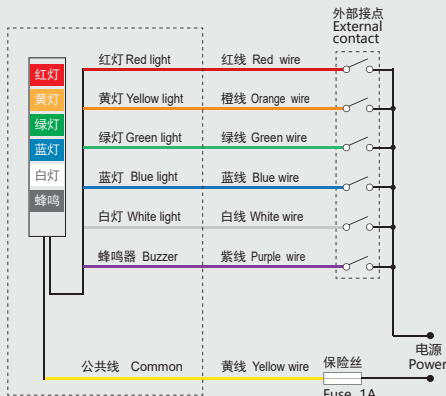
22Z Model

折臂式

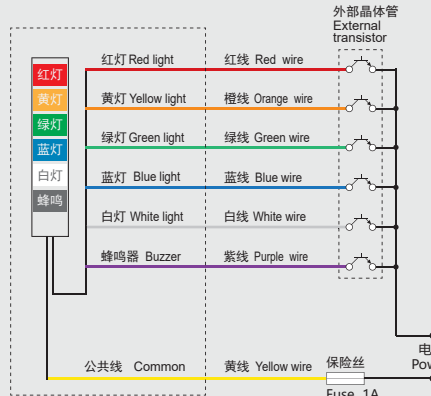


接线图 (Wiring Diagram)

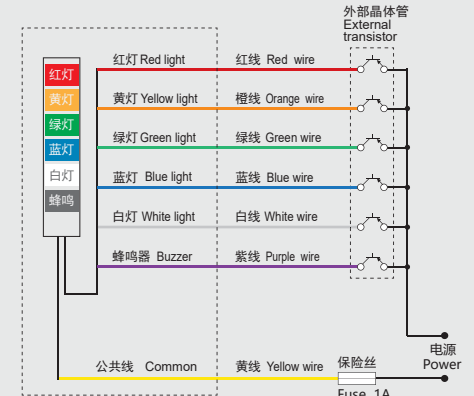
外部接点 External contact



NPN 晶体管 NPN transistor



PNP 晶体管 PNP transistor



GL6SX | SERIES Ø60mm

单体多色型 Monomer Multicolor



直接安装
Installed directly



杆式安装
Rod installation

- ▣ 中型外观设计，适用小型精密设备
- ▣ 颜色明亮，具有良好的警示效果
- ▣ 信号线的颜色对应灯的颜色，便于接线
- ▣ 可以通过更换模块来改变颜色的数量
- ▣ 单层多色优化了设备的利用空间
- ▣ Medium design, suitable for small precision equipment
- ▣ The color is bright and has good warning effect
- ▣ The color of the signal cable corresponds to that of the lamp, which facilitates wiring
- ▣ The number of colors can be changed by changing modules
- ▣ Single layer multicolor optimizes the utilization space of the equipment



技术参数 (Technical Parameters)

标准 Standard	IEC/EN 61000-6		
认证 Signal	CE		
环境温度 The environment temperature	贮存 Storage	-40℃~+70℃	
	工作 Operating	-25℃~+55℃	
工作湿度 Operating humidity	45 to 85%RH		
防护等级 Degree of Protection	I P65 Watertight/Oiltight		
材料 Material	灯罩 Lampshade	PC	
	灯体 Light body	ABS	
光源 Light source	LED		
额定绝缘电压 (UI) Rated insulation voltage	IEC60947-1	>800V	
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un	
额定电压 Rated Voltage	12V/DC		24V/DC
LED电流 LED Current	红色 Red	32mA	18mA
	黄色 Yellow	32mA	18mA
	绿色 Green	32mA	18mA
	蓝色 Blue	32mA	18mA
	白色 White	32mA	18mA
LED冲击电流 Surge current	所有颜色 All Colors	100mA	100mA
蜂鸣器 Buzzer	电流 Current	18mA	
	音量 Volume	85dB	
电气寿命 Electrical life	约50000小时 About 50,000 hours		
接线方式 Connection mode	电子线 Wire	UL1007 AWG22 (L=800mm)	

型号说明 (Select Code)



- 颜色数量: 1 = 1个颜色
2 = 2个颜色
3 = 3个颜色
Number of colors: 1 = 1 Color
2 = 2 Colors
3 = 3 Colors
- 额定电压: 01 = 12V/DC
02 = 24V/DC
Voltage: 01 = 12V/DC
02 = 24V/DC
- 声音方式: 无指定 = 无声音
A = 连续声
B = 间断音
Sound way: Blank = None sound way
A = Continuous tone
B = Intermittent sound
- 安装方式: 空白 = 杆式安装
W = 直接安装
Installation method: None = Rod installation
W = Installed directly
- 发光颜色: 红色 = R
黄色 = Y
绿色 = G
蓝色 = B
白色 = W
Color: Red = R
Yellow = Y
Green = G
Blue = B
White = W
- 支架型号: 无指定 = 直接安装
A = 22A
B = 22B
D = 22D
E = 22E
J = 22J
Z = 22Z
Stent models: None = Direct mount
A = 22A
B = 22B
D = 22D
E = 22E
J = 22J
Z = 22Z
- 铝管长度: 10 = 10cm
20 = 20cm
30 = 30cm
40 = 40cm
Aluminum tube length: 10 = 10cm
20 = 20cm
30 = 30cm
40 = 40cm

LED模块选型说明 LED module code



- 颜色数量
Number of colors
1 = 1个颜色
2 = 2个颜色
3 = 3个颜色
1 = 1 Color
2 = 2 Color
3 = 3 Color
- 电压
Voltage
01 = 12V/DC
02 = 24V/DC
01 = 12V/DC
02 = 24V/DC

- 发光颜色
Color
红色LED = R
黄色LED = Y
绿色LED = G
蓝色LED = B
白色LED = W
Red = R
Yellow = Y
Green = G
Blue = B
White = W

灯体模块选型说明 Body module code



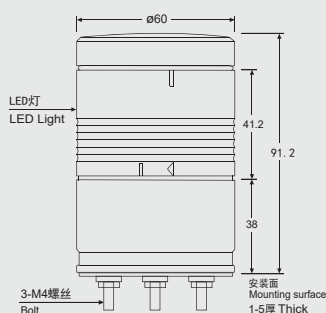
- 电压
Voltage
01 = 12V/DC
02 = 24V/DC
01 = 12V/DC
02 = 24V/DC

- 声音
Sound
无指定 = 无声音
A = 连续音
B = 间断音
None = No sound
A = Buzzer continuous
B = Buzzer hiatus

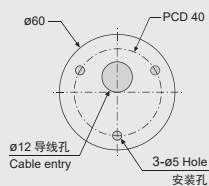
- 安装方式
Installation method
无指定 = 杆式安装
W = 直接安装
None = Rod installation
W = Installed directly

尺寸图 (Size Chart) 单位(Unit): mm

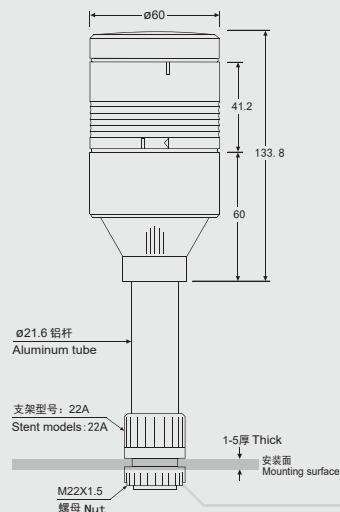
直接安装 Direct mount



安装尺寸 mounting dimensions



杆式安装 Rod mount



安装支架 Stent models 22A Model

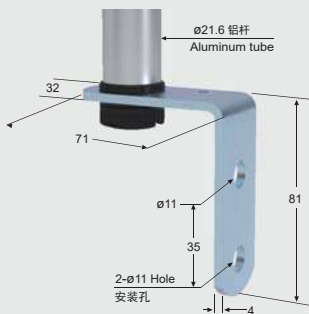


22A必须配合铝管使用
22A must be used with aluminum tube

可适配安装支架 Adjustable mounting bracket:
22A | 22B | 22D | 22E | 22J | 22Z

支架型号尺寸图 (Support model size diagram) 单位(Unit): mm

22B Model



材料: 镀锌铁
Material: Galvanized iron

22D Model



材料: ABS
Material: ABS

22E Model



材料: ABS
Material: ABS

22J Model

折叠式



材料: ABS
Material: ABS

22Z Model

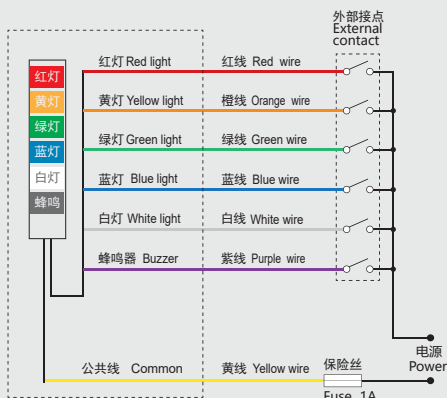
折叠式



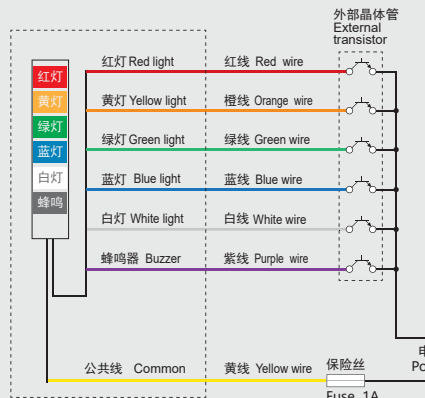
材料: ABS
Material: ABS

接线图 (Wiring Diagram)

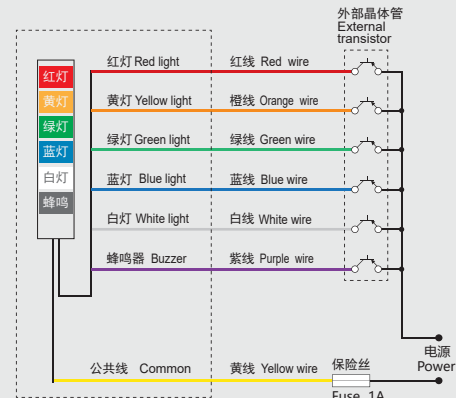
外部接点 External contact

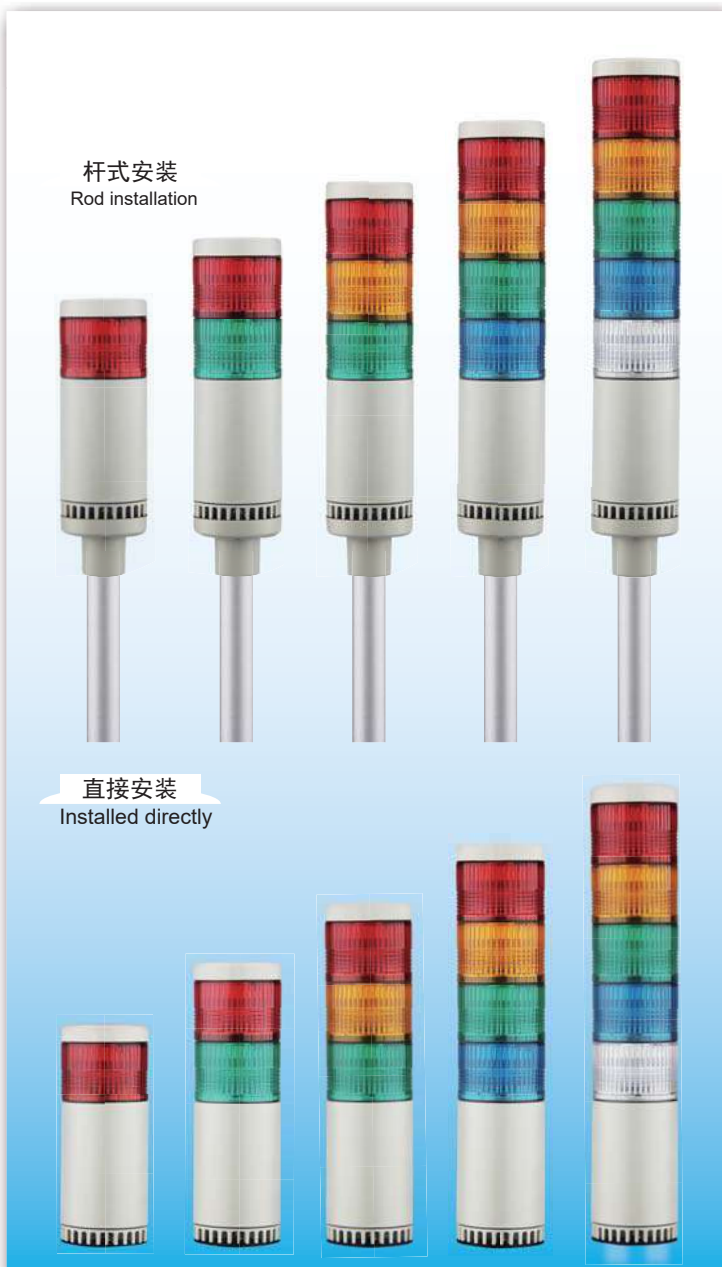


NPN 晶体管 NPN transistor



PNP 晶体管 PNP transistor





GL6U | SERIES ø60mm

多层信号灯 Tower lamp

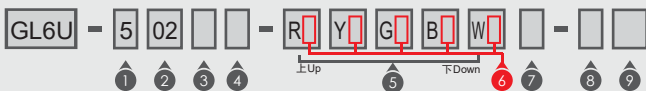
- 中型外观设计，适用中型精密设备
- 颜色明亮，具有良好的警示效果
- 信号线的颜色对应灯的颜色，便于接线
- 可以自由增加或减少LED颜色的数量
- 改变LED的排列顺序无需重新接线
- Medium appearance design, suitable for medium precision equipment
- The color is bright and has good warning effect
- The color of the signal cable corresponds to that of the lamp, which facilitates wiring
- Free to increase or decrease the number of LED colors
- Rewiring is not required to change the LED sequence



技术参数 (Technical Parameters)

标准 Standard		IEC/EN 61000-6	
认证 Signal		CE	
环境温度 The environment temperature	贮存 Storage	-40℃~+70℃	
	工作 Operating	-25℃~+55℃	
工作湿度 Operating humidity		45 to 85%RH	
防护等级 Degree of Protection		I P65 Watertight/Oitight	
材料 Material	灯罩 Lampshade	PC	
	灯体 Light body	ABS	
光源 Light source		LED	
额定绝缘电压 (UI) Rated insulation voltage	IEC60947-1	>800V	
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un	
额定电压 Rated Voltage		12V/DC	24V/DC
LED电流 LED Current	红色 Red	30mA	16mA
	黄色 Yellow	30mA	16mA
	绿色 Green	30mA	16mA
	蓝色 Blue	30mA	16mA
	白色 White	30mA	16mA
LED冲击电流 Surge current	所有颜色 All Colors	100mA	100mA
频率 Frequency	闪亮 Flashing	约1Hz About 1Hz	
蜂鸣器 Buzzer	电流 Current	18mA	
	音量 Volume	85dB	
电气寿命 Electrical life		约50000小时 About 50,000 hours	
接线方式 Connection mode	电子线 Wire	UL1007 AWG22 (L=800mm)	

型号说明 (Select Code)

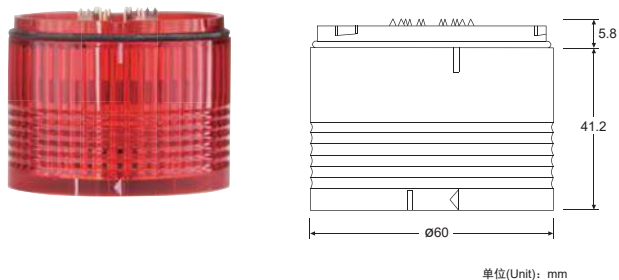


1 层数: 1 = 1层 2 = 2层 3 = 3层 4 = 4层 5 = 5层	Layer number: 1 = 1 Layer 2 = 2 Layer 3 = 3 Layer 4 = 4 Layer 5 = 5 Layer
2 额定电压: 01 = 12V/DC 02 = 24V/DC	Voltage: 01 = 12V/DC 02 = 24V/DC
3 功能: 无指定 = 常亮无声音 A = 蜂鸣连续音 B = 蜂鸣间断音 C = 闪亮蜂鸣双音	Function: None = Steady on No sound A = Buzzer continuous B = Buzzer hiatus C = Flashing buzzer 2 sounds
4 安装方式: 空白 = 杆式安装 W = 直接安装	Installation method: Blank = Rod installation W = Installed directly
5 发光颜色: 红色 = R 黄色 = Y 绿色 = G 蓝色 = B 白色 = W	Color: Red = R Yellow = Y Green = G Blue = B White = W
6 发光方式: 无指定 = 常亮 1 = 闪亮	Light way: None = Steady 1 = Flashing
7 灯罩颜色: 空白 = 彩色 C = 透明色	Lamp Shade Color: No letters=Color C=Transparent color

8 支架型号: 无指定 = 直接安装 A = 22A B = 22B D = 22D E = 22E J = 22J Z = 22Z	Stent models: None = Direct mount A = 22A B = 22B D = 22D E = 22E J = 22J Z = 22Z
9 铝管长度: 10 = 10cm 20 = 20cm 30 = 30cm 40 = 40cm	Aluminum tube length: 10 = 10cm 20 = 20cm 30 = 30cm 40 = 40cm

LED模块 LED module

尺寸图 (Size Chart)



单位(Unit): mm

LED模块选型说明 LED module code

EL6 - U 02 R

① ② ③

① 电压	Voltage
01 = 12V/DC	01 = 12V/DC
02 = 24V/DC	02 = 24V/DC

② 发光颜色	Color
红色LED = R	Red = R
黄色LED = Y	Yellow = Y
绿色LED = G	Green = G
蓝色LED = B	Blue = B
白色LED = W	White = W

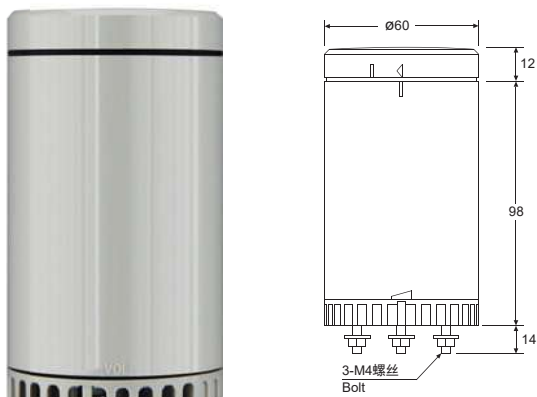
③ 发光方式	Light way
无指定 = 常亮	None = Steady
1 = 闪亮	1 = Flashing

参数说明 Parameter specification

发光颜色 Color	红色 Red	黄色 Yellow	绿色 Green	蓝色 Blue	白色 White
电流 Current	12V DC	64mA	64mA	64mA	64mA
	24V DC	32mA	32mA	32mA	32mA
光强 light intensity	213/Lux	134/Lux	342/Lux	129/Lux	459/Lux
闪亮频率 Frequency	60~90次/min 60~90 beats / min				
材料 Material	聚碳酸酯 PC				
重量 Quality	12/24VDC:44g				

灯体模块 Body module

尺寸图 (Size Chart) 单位(Unit): mm



3-M4螺丝 Bolt

灯体模块选型说明 Body module code

BL6 - U 02

① ② ③

② 声音	Sound
无指定 = 无声音	None = No sound
A = 连续音	A = Buzzer continuous
B = 间断音	B = Buzzer hiatus
C = 闪亮蜂鸣双音	C = Flashing buzzer 2 sounds

① 电压	Voltage
01 = 12V/DC	01 = 12V/DC
02 = 24V/DC	02 = 24V/DC

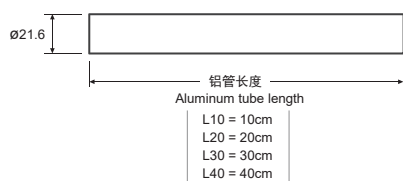
③ 安装方式	Installation method
无指定 = 杆式安装	None = Rod installation
W = 直接安装	W = Installed directly

参数说明 Parameter specification

电流 Current	12V DC	18mA
	24V DC	18mA
音量 Volume	85dB	
颜色 Color	白色 White	
重量 Quality	12/24VDC:85g	

铝管 Aluminum tube

尺寸图 (Size Chart)



材料: 阳极氧化铝
Material: Anodized aluminum

选型说明 Model specification

LG - D22 L10

① ② ③

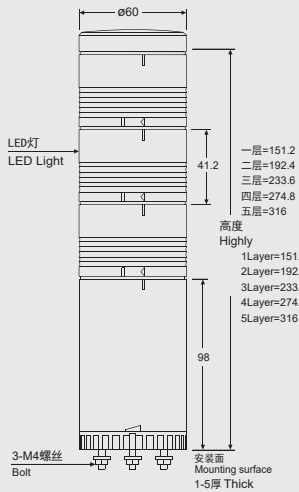
① 直径	Diameter
D22 = 21.6mm	D22 = 21.6mm

② 长度	Length
L10 = 10cm	L10 = 10cm
L20 = 20cm	L20 = 20cm
L30 = 30cm	L30 = 30cm
L40 = 40cm	L40 = 40cm

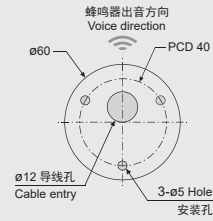
③ 颜色	Color
B = 黑色	B = Black
A = 白色	A = silver

尺寸图 (Size Chart) 单位(Unit): mm

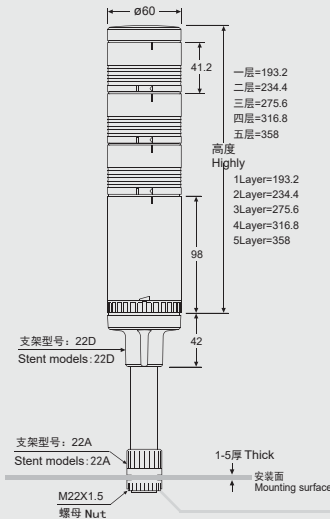
直接安装 Direct mount



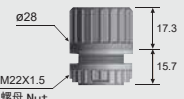
安装尺寸 mounting dimensions



杆式安装 Rod mount



安装支架 Stent models 22A Model

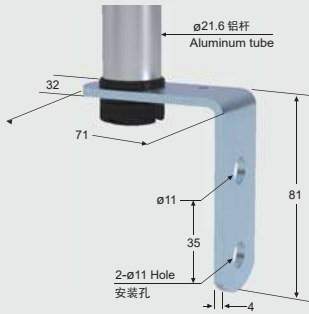


22A必须配合铝管使用
22A must be used with aluminum tube

可适配安装支架 Adjustable mounting bracket:
22A 22B 22D 22E 22J 22Z

支架型号尺寸图 (Support model size diagram) 单位(Unit): mm

22B Model



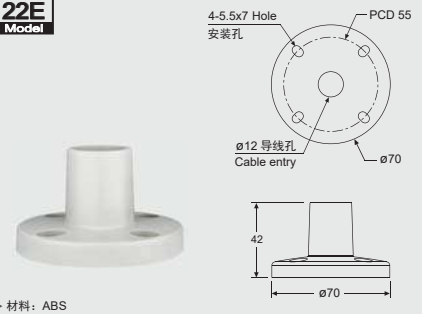
材料: 镀锌铁
Material: Galvanized iron

22D Model



材料: ABS
Material: ABS

22E Model



材料: ABS
Material: ABS

22J Model

折叠式



材料: ABS
Material: ABS

22Z Model

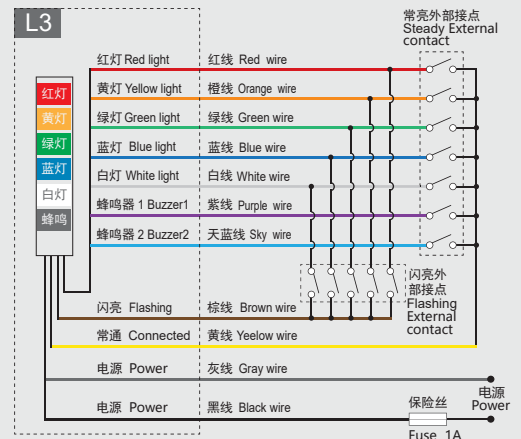
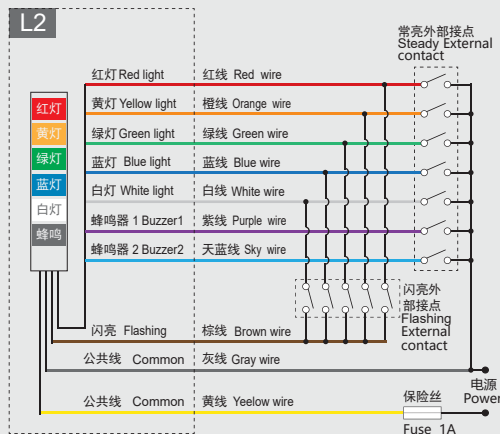
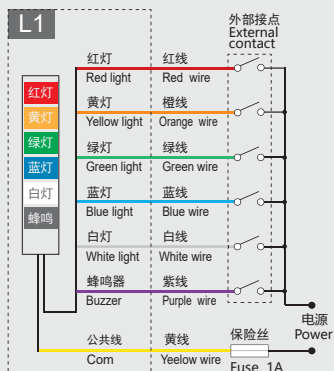
折叠式



材料: ABS
Material: ABS

接线图 (Wiring Diagram)

外部接点 External contact



GL6UX | SERIES

Ø60mm

单体多色型 Monomer Multicolor

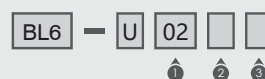
- 中型外观设计, 适用小型精密设备
- 颜色明亮, 具有良好的警示效果
- 信号线的颜色对应灯的颜色, 便于接线
- 可以通过更换模块来改变颜色的数量
- 单层多色优化了设备的利用空间
- Medium design, suitable for small precision equipment
- The color is bright and has good warning effect
- The color of the signal cable corresponds to that of the lamp, which facilitates wiring
- The number of colors can be changed by changing modules
- Single layer multicolor optimizes the utilization space of the equipment



技术参数 (Technical Parameters)

标准 Standard	IEC/EN 61000-6		
认证 Signal	CE		
环境温度 The environment temperature	贮存 Storage	-40°C~-+70°C	
	工作 Operating	-25°C~-+55°C	
工作湿度 Operating humidity	45 to 85%RH		
防护等级 Degree of Protection	I P65 Watertight/Oitight		
材料 Material	灯罩 Lampshade	PC	
	灯体 Light body	ABS	
光源 Light source	LED		
额定绝缘电压 (UI) Rated insulation voltage	IEC60947-1	>800V	
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un	
额定电压 Rated Voltage	12V/DC	24V/DC	
LED电流 LED Current	红色 Red	32mA	18mA
	黄色 Yellow	32mA	18mA
	绿色 Green	32mA	18mA
	蓝色 Blue	32mA	18mA
	白色 White	32mA	18mA
LED冲击电流 Surge current	所有颜色 All Colors	100mA	100mA
蜂鸣器 Buzzer	电流 Current	18mA	
	音量 Volume	85dB	
电气寿命 Electrical life	约50000小时 About 50,000 hours		
接线方式 Connection mode	电子线 Wire	UL1007 AWG22 (L=800mm)	

灯体模块选型说明 Body module code



2 声音 Sound	
无指定 = 无声音 A = 连续音 B = 间断音	None = No sound A = Buzzer continuous B = Buzzer hiatus

1 电压 Voltage	
01 = 12V/DC 02 = 24V/DC	01 = 12V/DC 02 = 24V/DC

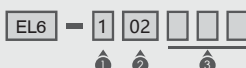
3 安装方式 Installation method	
无指定 = 杆式安装 W = 直接安装	None = Rod installation W = Installed directly

型号说明 (Select Code)



1 颜色数量: 1 = 1个颜色 2 = 2个颜色 3 = 3个颜色	Number of colors: 1 = 1 Color 2 = 2 Colors 3 = 3 Colors
2 额定电压: 01 = 12V/DC 02 = 24V/DC	Voltage: 01 = 12V/DC 02 = 24V/DC
3 声音方式: 无指定 = 无声音 A = 连续声 B = 间断音	Sound way: Blank = None sound way A = Continuous tone B = Intermittent sound
4 安装方式: 空白 = 杆式安装 W = 直接安装	Installation method: Blank = Rod installation W = Installed directly
5 发光颜色: 红色 = R 黄色 = Y 绿色 = G 蓝色 = B 白色 = W	Color: Red = R Yellow = Y Green = G Blue = B White = W
6 支架型号: 无指定 = 直接安装 A = 22A B = 22B D = 22D	Stent models: None = Direct mount A = 22A B = 22B D = 22D
7 铝管长度: 10 = 10cm 20 = 20cm 30 = 30cm 40 = 40cm	Aluminum tube length: 10 = 10cm 20 = 20cm 30 = 30cm 40 = 40cm

LED模块选型说明 LED module code

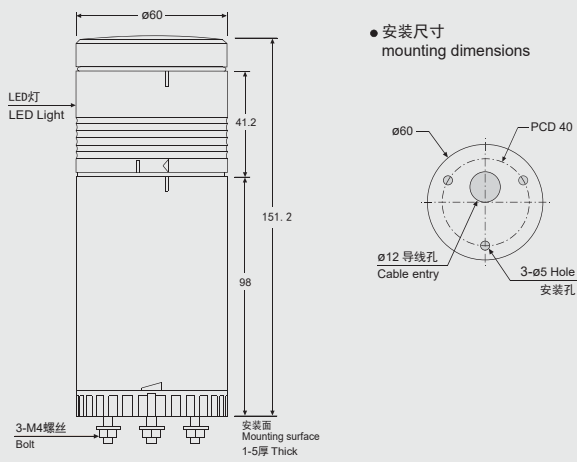


1 颜色数量 Number of colors		2 电压 Voltage	
1 = 1个颜色 2 = 2个颜色 3 = 3个颜色	1 = 1 Color 2 = 2 Color 3 = 3 Color	01 = 12V/DC 02 = 24V/DC	01 = 12V/DC 02 = 24V/DC

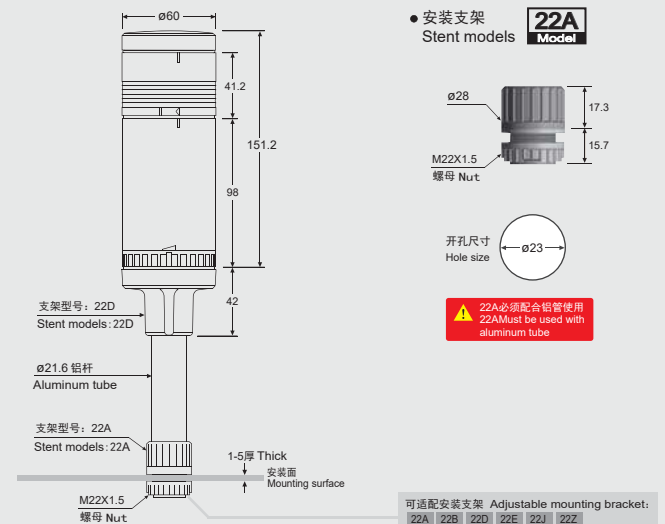
3 发光颜色 Color	
红色LED = R 黄色LED = Y 绿色LED = G 蓝色LED = B 白色LED = W	Red = R Yellow = Y Green = G Blue = B White = W

尺寸图 (Size Chart) 单位(Unit): mm

直接安装 Direct mount

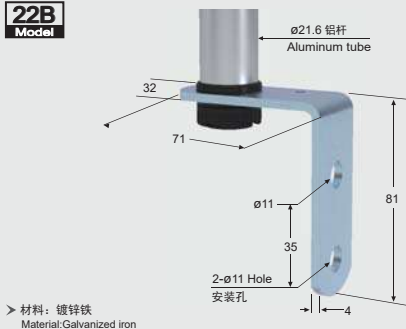


杆式安装 Rod mount

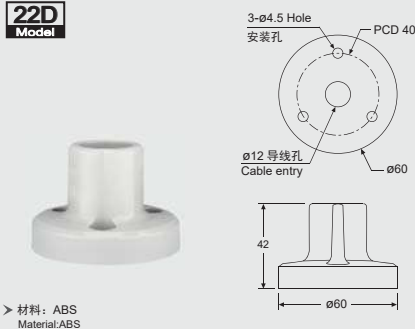


支架型号尺寸图 (Support model size diagram) 单位(Unit): mm

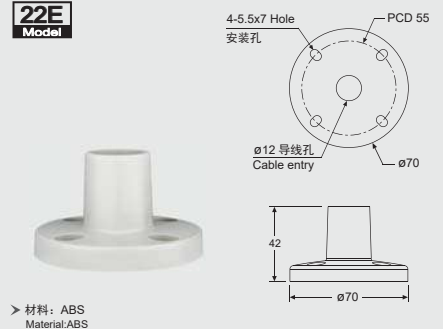
22B Model



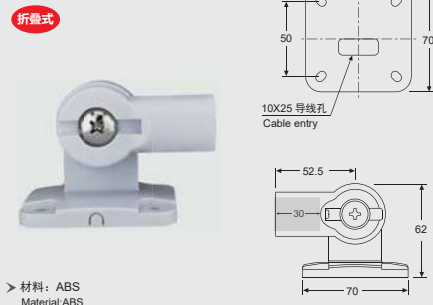
22D Model



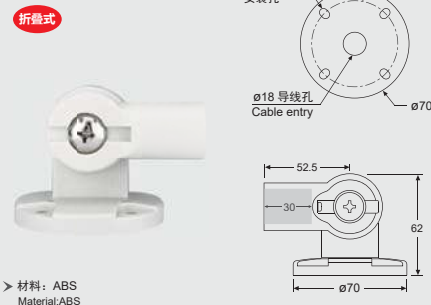
22E Model



22J Model

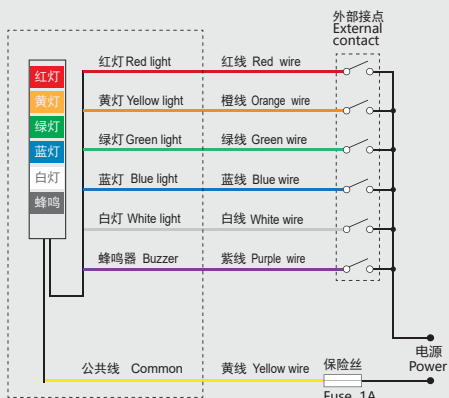


22Z Model

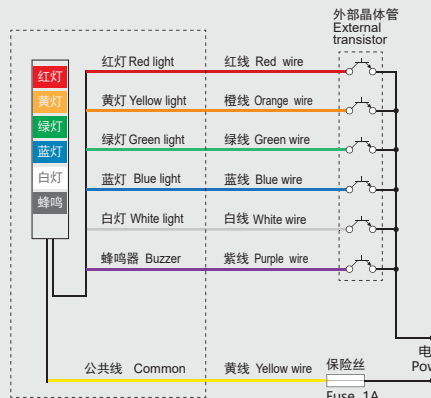


接线图 (Wiring Diagram)

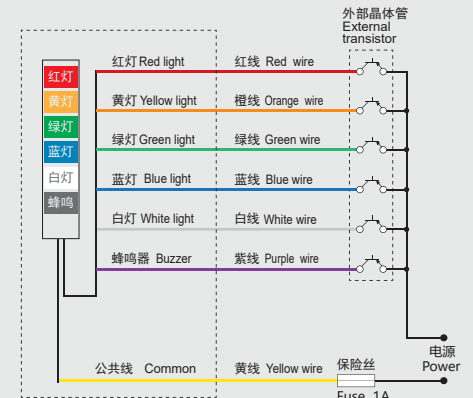
外部接点 External contact



NPN 晶体管 NPN transistor



PNP 晶体管 PNP transistor



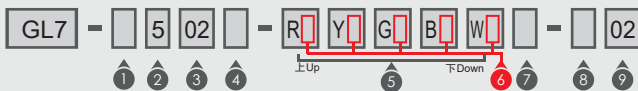
GL7

SERIES
ø70mm多层信号灯
Tower lamp

- ◇ 中型外观设计，适用中型精密设备
- ◇ 颜色明亮，具有良好的警示效果
- ◇ 信号线的颜色对应灯的颜色，便于接线
- ◇ 可以自由增加或减少LED颜色的数量
- ◇ 改变LED的排列顺序无需重新接线
- ◇ Medium appearance design, suitable for medium precision equipment
- ◇ The color is bright and has good warning effect
- ◇ The color of the signal cable corresponds to that of the lamp, which facilitates wiring
- ◇ Free to increase or decrease the number of LED colors
- ◇ Rewiring is not required to change the LED sequence



型号说明 (Select Code)



- 1 灯罩外观: U = 光滑灯罩
S = 网格灯罩
Lampshade: U = Smooth
S = Grille
- 2 层数: 1 = 1层
2 = 2层
3 = 3层
4 = 4层
5 = 5层
Layer number: 1 = 1 Layer
2 = 2 Layer
3 = 3 Layer
4 = 4 Layer
5 = 5 Layer
- 3 额定电压: 01 = 12V/DC
02 = 24V/DC
Voltage: 01 = 12V/DC
02 = 24V/DC
- 4 功能: 无指定 = 常亮无声音
A = 蜂鸣连续标准音
B = 蜂鸣间断标准音
C = 蜂鸣连续高音
D = 蜂鸣间断高音
P = 喇叭音乐声
Function: Blank = Steady on No sound
A = Buzzer continuous standard tone
B = Buzzer hiatus standard tone
C = Buzzer continuous high tone
D = Buzzer hiatus high tone
P = Trumpet music
- 5 发光颜色: 红色 = R
黄色 = Y
绿色 = G
蓝色 = B
白色 = W
Color: Red = R
Yellow = Y
Green = G
Blue = B
White = W
- 6 发光方式: 无指定 = 常亮
1 = 闪亮
2 = 转亮
Light way: None = Steady
1 = Flashing
2 = Rotating
- 7 灯罩颜色: 空白 = 彩色
C = 透明色
Lamp Shade Color: No letters = Color
C = Transparent color
- 8 支架型号: 无指定 = 直接安装
A = 25A
B = 22B
C = 25C
D = 25D
E = 25E
J = 25J
K = 25K
L = 70L
T = 70T
P = 70P
W = 70W
Stent models: None = Direct mount
A = 25A
B = 22B
C = 25C
D = 25D
E = 25E
J = 25J
K = 25K
L = 70L
T = 70T
P = 70P
W = 70W
- 9 铝管长度: 10 = 10cm
20 = 20cm
30 = 30cm
40 = 40cm
Aluminum tube length: 10 = 10cm
20 = 20cm
30 = 30cm
40 = 40cm

技术参数 (Technical Parameters)

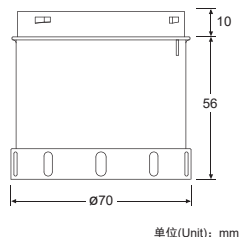
标准 Standard	IEC/EN 61000-6	
认证 Signal	CE	
环境温度 The environment temperature	贮存 Storage	-40°C~+70°C
	工作 Operating	-25°C~+55°C
工作湿度 Operating humidity	45 to 85%RH	
防护等级 Degree of Protection	IP65 Watertight/Oiltight	
材料 Material	灯罩 Lampshade	PC
	灯体 Light body	ABS
光源 Light source	LED	
额定绝缘电压 (UI) Rated insulation voltage	IEC60947-1	>800V
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un
额定电压 Rated Voltage	12V/DC	24V/DC
	红色 Red	90mA
	黄色 Yellow	90mA
	绿色 Green	90mA
	蓝色 Blue	90mA
LED冲击电流 LED Current	白色 White	90mA
	所有颜色 All Colors	100mA
LED冲击电流 Surge current	所有颜色 All Colors	100mA
频率 Frequency	闪亮 Flashing	约1Hz About 1Hz
	转亮 Rotating light	约100转/分 About 100 r/min
蜂鸣器 Buzzer	电流 Current	18mA
	音量 Volume	85dB
电气寿命 Electrical life	约50000小时 About 50,000 hours	
接线方式 Connection mode	接线端子 Terminal	

LED模块 LED module

- 光滑灯罩
Smooth lampshade



尺寸图 (Size Chart)



单位(Unit): mm

- 网格灯罩
Grille lampshade



LED模块选型说明 LED module code

EL7 - U 02 R

① 灯罩外观 Lampshade

U = 光滑灯罩 U = Smooth
S = 网格灯罩 S = Grille

② 电压 Voltage

01 = 12V/DC 01 = 12V/DC
02 = 24V/DC 02 = 24V/DC

③ 发光颜色 Color

红色LED = R Red = R
黄色LED = Y Yellow = Y
绿色LED = G Green = G
蓝色LED = B Blue = B
白色LED = W White = W

④ 发光方式 Light way

无指定 = 常亮 None = Steady
1 = 闪亮 1 = Flashing
2 = 转亮 2 = Rotating

参数说明 Parameter specification

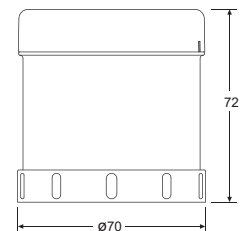
发光颜色 Color	红色 Red	黄色 Yellow	绿色 Green	蓝色 Blue	白色 White
电流 Current	12V DC	90mA	90mA	90mA	90mA
	24V DC	45mA	45mA	45mA	45mA
光强 light intensity	213/Lux	134/Lux	342/Lux	129/Lux	459/Lux
闪亮频率 Flicker frequency	60~90次/min 60~90 beats / min				
转亮频率 Rotating frequency	约100转/分 About 100 r/min				
材料 Material	聚碳酸酯 PC				
重量 Quality	12/24VDC:44g				

蜂鸣模块 Buzzer module

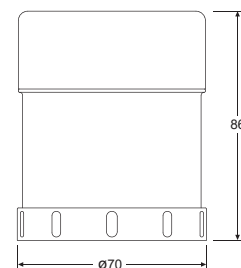
- 蜂鸣标准音
Buzzer standard tone



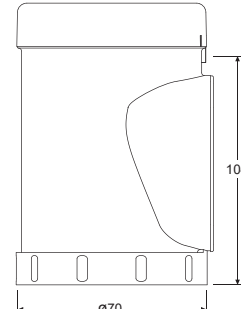
尺寸图 (Size Chart) 单位(Unit): mm



- 蜂鸣高音
Buzzer high tone



- 喇叭音乐声
Trumpet music



蜂鸣模块选型说明 Buzzer module code

BL7 - U 02

① 外观 Appearance

U = 光滑灯罩 U = Smooth
S = 网格灯罩 S = Grille

② 电压 Voltage

01 = 12V/DC 01 = 12V/DC
02 = 24V/DC 02 = 24V/DC

③ 声音 Sound

无指定 = 常亮无声 None = Steady on No sound
A = 蜂鸣连续标准音 A = Buzzer continuous standard tone
B = 蜂鸣间断标准音 B = Buzzer hiatus standard tone
C = 蜂鸣连续高音 C = Buzzer continuous high tone
D = 蜂鸣间断高音 D = Buzzer hiatus high tone
P = 喇叭音乐声 P = Trumpet music

参数说明 Parameter specification

蜂鸣模块 Buzzer module	蜂鸣标准音 Buzzer standard tone	蜂鸣高音 Buzzer high tone	喇叭音乐声 Trumpet music
电流 Current	12V DC	18mA	25mA
	24V DC	18mA	25mA
音量 Volume	85dB	100dB	120dB
颜色 Color	黑色 Black	黑色 Black	黑色 Black
重量 Quality	12/24VDC:60g	12/24VDC:80g	12/24VDC:120g

铝管 Aluminum tube

□ 选型说明 Model specification

LG — D25 L10

① 直径	Diameter
D25 = 25mm	D25 = 25mm

② 长度	Length
L10 = 10cm	L10 = 10cm
L20 = 20cm	L20 = 20cm
L30 = 30cm	L30 = 30cm
L40 = 40cm	L40 = 40cm

➤ 材料：阳极氧化铝
Material: Anodized aluminum

灯盖 Lamp caps

灯盖型号
Lamp caps model

BL7-UDG1

单位(Unit): mm

➤ 材料：PC-ABS
Material: PC-ABS

接线座 Wiring body

接线座型号
Wiring body model

BL7-UDT1

□ 尺寸图 (Size Chart)
单位(Unit): mm

➤ 材料：PA66
Material: PA66

喇叭声音选择方法 (Speaker sound selection method)

01 长响蜂鸣调 Buzzer rang	ON 1 2 3 4 5	06 缓慢调频音1 Slow Sound 1	ON 1 2 3 4 5	11 缓慢调频音2 Slow Sound 2	ON 1 2 3 4 5	16 长短音2 long and short 2	ON 1 2 3 4 5	21 无声音 No sound	ON 1 2 3 4 5
02 间断蜂鸣音1 Buzzer hiatus 1	ON 1 2 3 4 5	07 急促调频音2 Quick note 2	ON 1 2 3 4 5	12 缓慢双音调2 Slow dual tone 2	ON 1 2 3 4 5	17 华尔兹 waltz	ON 1 2 3 4 5		
03 间断蜂鸣音2 Buzzer hiatus 2	ON 1 2 3 4 5	08 长短音1 long and short 1	ON 1 2 3 4 5	13 缓慢双音调3 Slow dual tone 3	ON 1 2 3 4 5	18 致爱丽丝 To Alice	ON 1 2 3 4 5		
04 双音转换1 Dual tone 1	ON 1 2 3 4 5	09 缓慢双音调1 Slow dual tone 1	ON 1 2 3 4 5	14 缓慢调频音3 Slow Sound 3	ON 1 2 3 4 5	19 甜蜜家园 Sweet home	ON 1 2 3 4 5		
05 急促调频音1 Quick note 1	ON 1 2 3 4 5	10 双音转换2 Dual tone 2	ON 1 2 3 4 5	15 缓慢调频音4 Slow Sound 4	ON 1 2 3 4 5	20 梁祝 Butterfly lovers	ON 1 2 3 4 5		

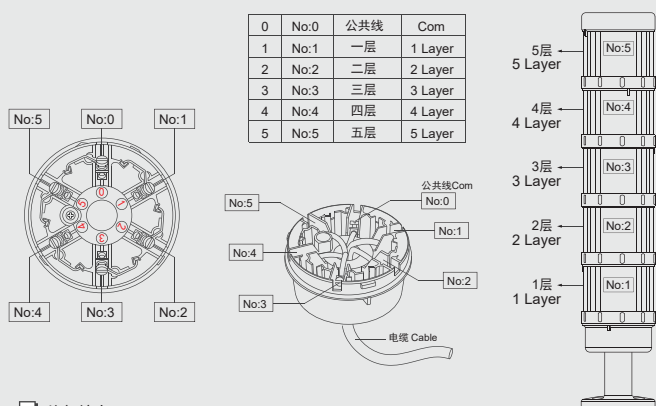
支架型号尺寸图 (Support model size diagram) 单位(Unit): mm

22A Model ➤ 材料：ABS Material: ABS	22B Model ➤ 材料：镀锌铁 Material: Galvanized iron	25C Model ➤ 材料：PA66 Material: PA66	25D Model ➤ 材料：PA66 Material: PA66
25E Model ➤ 材料：PA66 Material: PA66	25J Model ➤ 材料：ABS Material: ABS	25K Model ➤ 材料：PA66 Material: PA66 必须配合铝管使用! Must be used with aluminum tube!	25Z Model ➤ 材料：ABS Material: ABS
70L Model ➤ 材料：PA66 Material: PA66	70T Model ➤ 材料：PA66 Material: PA66	70P Model ➤ 材料：PA66 Material: PA66	70W Model ➤ 材料：ABS Material: ABS

接线图 (Wiring Diagram)

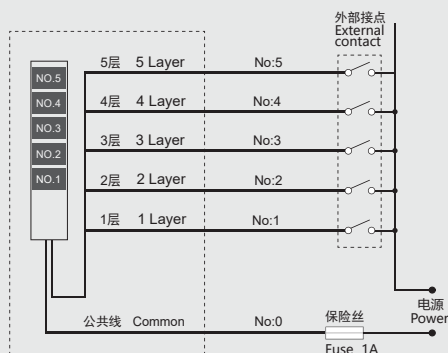
□ 接线座上数字对应的端子及模块

The terminal and module corresponding to the number on the wiring block



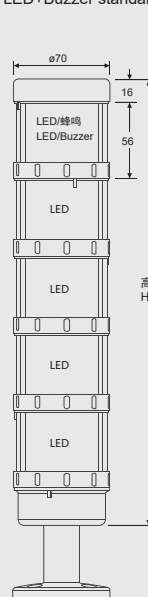
□ 外部接点

External contact

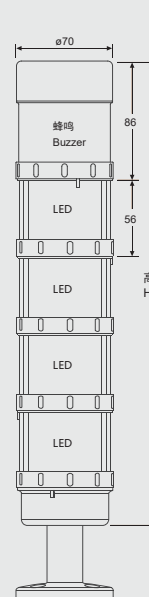


尺寸图 (Size Chart) 单位(Unit): mm

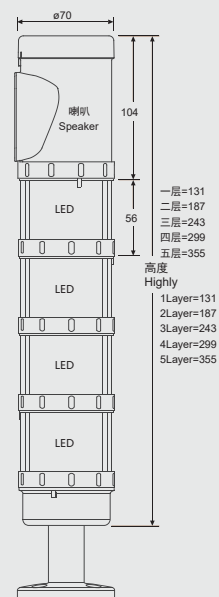
□ LED LED+蜂鸣标准音 LED+Buzzer standard tone



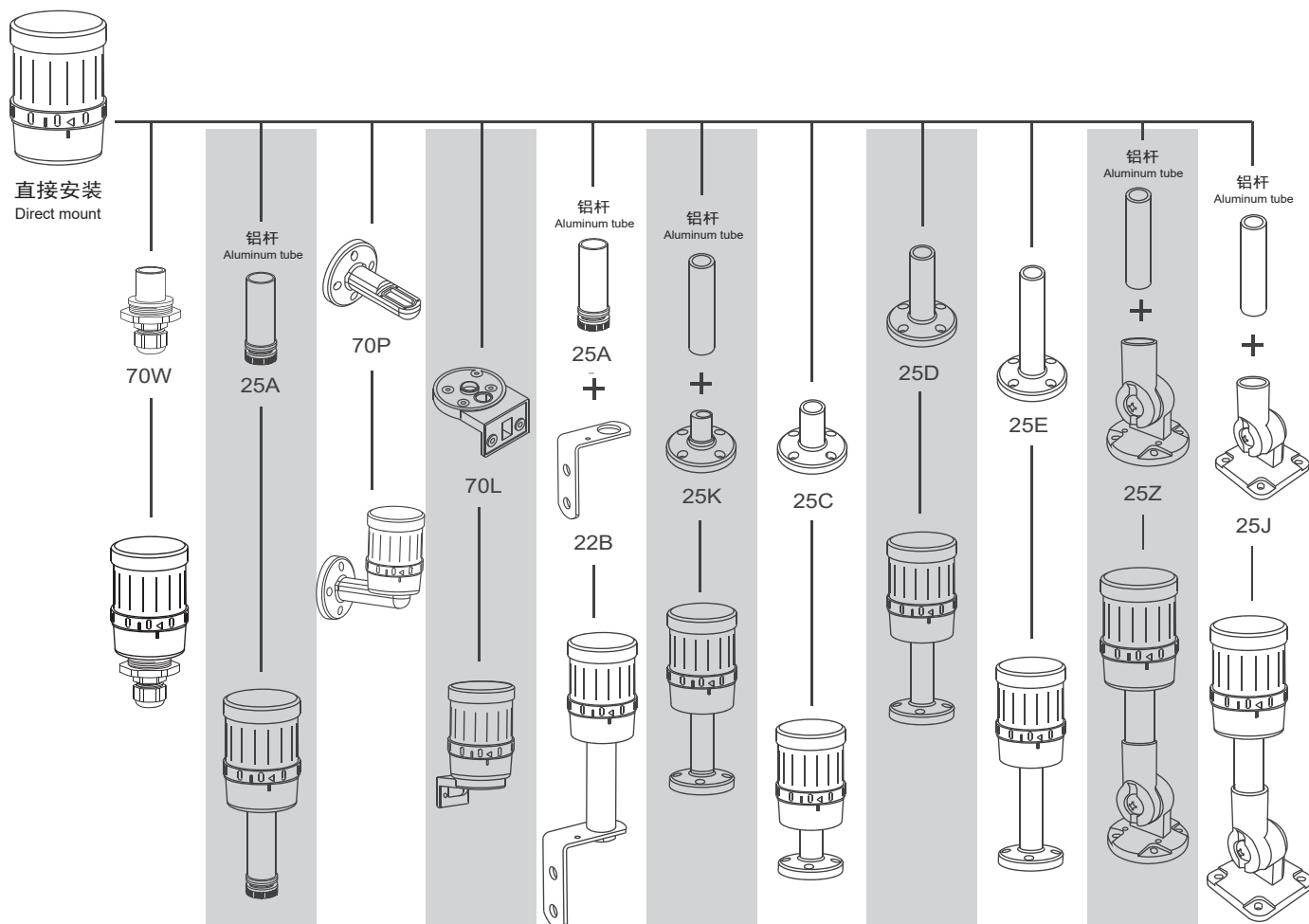
□ LED+蜂鸣高音 LED+Buzzer high tone



□ LED+喇叭音乐声 LED+Trumpet music



产品与安装支架装配示意图 (Assembly diagram of product and mounting bracket)



GW30

SERIES Truck

警示灯/户外型

Signal Light/Outdoor Warning

- 细长的设计，适合户外工程机械使用
- 多重透镜可以极大的增强LED的亮度
- 小角度发光可以让更远距离的人员得到警示
- Slender design, suitable for outdoor engineering machinery
- Multiple lenses can greatly enhance the brightness of leds
- A small Angle of light can alert people at a greater distance



型号说明 (Select Code)

GW30 - 3 02 - R Y G

① ② ③

① 颜色数量: 1=1个颜色
2=2个颜色
3=3个颜色

Number of colors: 1 = 1 Color
2 = 2 Colors
3 = 3 Colors

② 额定电压: 01 = 12V/DC
02 = 24V/DC

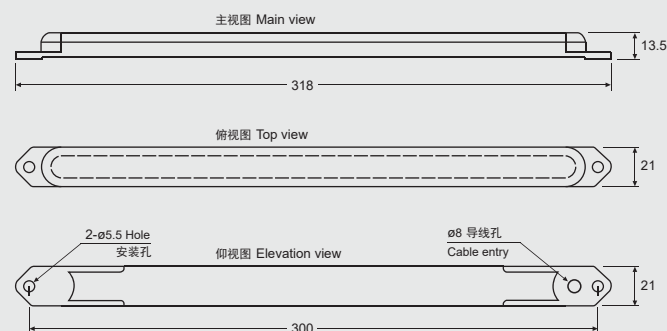
Voltage: 01 = 12V/DC
02 = 24V/DC

③ 发光颜色: 红色 = R
黄色 = Y
绿色 = G
蓝色 = B
白色 = W

Color: Red = R
Yellow = Y
Green = G
Blue = B
White = W

尺寸图 (Size Chart)

单位(Unit): mm



接线图 (Wiring Diagram)

外部接口

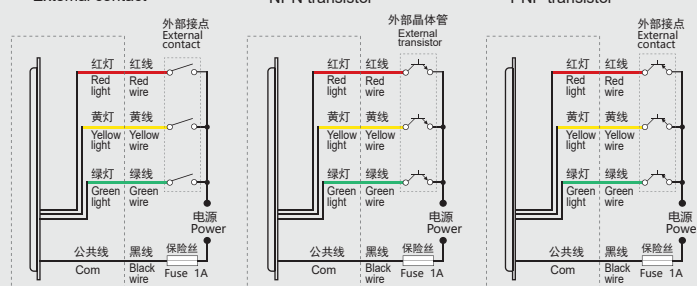
External contact

NPN 晶体管

NPN transistor

PNP 晶体管

PNP transistor



技术参数 (Technical Parameters)

标准 Standard		IEC/EN 61000-6	
认证 Signal		CE	
环境温度 The environment temperature	贮存 Storage	-40℃~-+70℃	
	工作 Operating	-25℃~-+55℃	
工作湿度 Operating humidity		45 to 85%RH	
防护等级 Degree of Protection		I P65 Watertight/Oitight	
材料 Material	灯罩 Lampshade	PC	
	灯体 Light body	ABS	
光源 Light source		LED	
额定绝缘电压 (UI) Rated insulation voltage	IEC60947-1	>800V	
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un	
额定电压 Rated Voltage		12V/DC	24V/DC
LED电流 LED Current	红色 Red	30mA	18mA
	黄色 Yellow	30mA	17mA
	绿色 Green	30mA	18mA
	蓝色 Blue	30mA	16mA
	白色 White	30mA	16mA
LED冲击电流 Surge current	所有颜色 All Colors	100mA	100mA
电气寿命 Electrical life		约50000小时 About 50,000 hours	
电缆 Cable		UL1007 AWG22 (L=200mm)	



GF8X

SERIES 80-80mm

警示灯/单体多色型 Signal Light/Monomer Multicolor

- 通用型安装设计，适用于各种精密设备
- 两种发光方式，颜色明亮，具有良好的警示效果
- 信号线的颜色对应灯的颜色，便于接线
- 可用于工厂内做红绿信号交通灯
- 支持通信协议点亮
- Universal installation design, suitable for all kinds of precision equipment
- Two kinds of light, bright color, with good warning effect
- The color of the signal cable corresponds to that of the lamp, which facilitates wiring
- It can be used for red and green traffic lights in factories
- Supports communication protocol lighting



型号说明 (Select Code)

GF8X - C 3 02 A - R Y G -

① ② ③ ④ ⑤ ⑥

- | | |
|--|--|
| ① 灯罩颜色: 空白 = 透明色
O = 乳白色 | Lamp Shade Color: No letters = Transparent
O = Opal |
| ② 颜色数量: 1 = 1个颜色
2 = 2个颜色
3 = 3个颜色 | Number of colors: 1 = 1 Color
2 = 2 Colors
3 = 3 Colors |
| ③ 额定电压: 01 = 12V/DC
02 = 24V/DC | Voltage: 01 = 12V/DC
02 = 24V/DC |
| ④ 声音方式: 无指定 = 无声音
A = 连续声
B = 间断音 | Sound way: Blank = None sound way
A = Continuous tone
B = Intermittent sound |
| ⑤ 发光颜色: 红色 = R
黄色 = Y
绿色 = G
蓝色 = B
白色 = W | Color: Red = R
Yellow = Y
Green = G
Blue = B
White = W |
| ⑥ 出线方式: 无指定 = 电缆
Q = M12航空插头 | Round way: None = Cable
A = M12 Aviation plug |

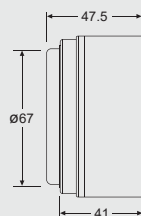
技术参数 (Technical Parameters)

标准 Standard		IEC/EN 61000-6	
认证 Signal		CE	
环境温度 The environment temperature	贮存 Storage	-40°C~+70°C	
	工作 Operating	-25°C~+55°C	
工作湿度 Operating humidity		45 to 85%RH	
防护等级 Degree of Protection		IP65 Watertight/Oiltight	
材料 Material	灯罩 Lampshade	PC	
	灯体 Light body	ABS	
光源 Light source		LED	
额定绝缘电压 (UI) Rated insulation voltage	IEC60947-1	>800V	
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un	
额定电压 Rated Voltage		12V/DC	24V/DC
LED电流 LED Current	红色 Red	60mA	32mA
	黄色 Yellow	60mA	32mA
	绿色 Green	60mA	32mA
	蓝色 Blue	60mA	32mA
	白色 White	60mA	32mA
LED冲击电流 Surge current	所有颜色 All Colors	100mA	100mA
频率 Frequency	闪亮 Flashing	约1Hz About 1Hz	
蜂鸣器 Buzzer	电流 Current	18mA	
	音量 Volume	85dB	
电气寿命 Electrical life		约50000小时 About 50,000 hours	
接线方式 Connection mode	电子线 Wire	UL1007 AWG22 (L=800mm)	

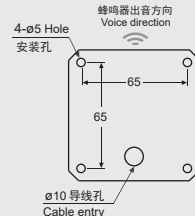
尺寸图 (Size Chart)

单位(Unit): mm

直接安装 Direct mount

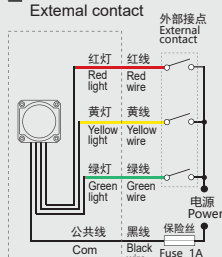


安装尺寸 Mounting dimensions

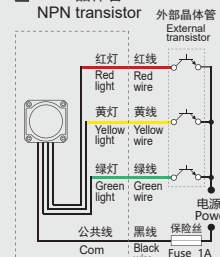


接线图 (Wiring Diagram)

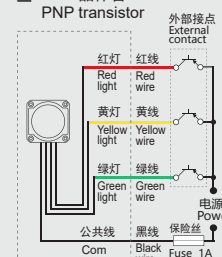
外部接口 External contact



NPN 晶体管 NPN transistor



PNP 晶体管 PNP transistor





GV8

SERIES W90mm

警示灯/壁挂型

Signal Light/Wall mounting type

- 壁挂式设计，和设备融合度优异
- 精致的外观流线设计语言
- 明亮的LED显示效果
- 隐藏式的蜂鸣器出音口
- 可定制镀铬的灯体，产品透出金属质感
- Wall mounted design, excellent integration with equipment
- Exquisite appearance streamline design language
- Bright LED display effect
- Hidden buzzer outlet
- Customizable chrome-plated lamp body, the product shows metallic texture



型号说明 (Select Code)

GV8 - 3 02 A - R Y G

① ② ③ ④

- | | |
|--|--|
| ① 颜色数量: 3 = 1个颜色 | Number of colors: 3 = 3 Color |
| ② 额定电压: 01 = 12V/DC
02 = 24V/DC | Voltage: 01 = 12V/DC
02 = 24V/DC |
| ③ 功能: 无指定 = 常亮无声
A = 蜂鸣连续音
B = 蜂鸣间断音
C = 闪亮蜂鸣双音 | Function: Blank = Steady on No sound
A = Buzzer continuous
B = Buzzer hiatus
C = Flashing buzzer 2 sounds |
| ④ 发光颜色: 红色 = R
黄色 = Y
绿色 = G | Color: Red = R
Yellow = Y
Green = G |

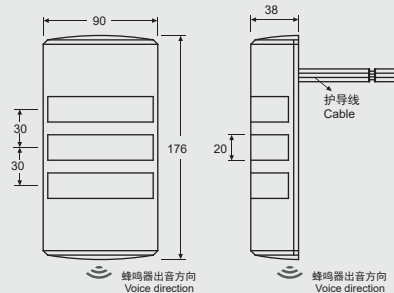
技术参数 (Technical Parameters)

标准 Standard		IEC/EN 61000-6	
认证 Signal		CE	
环境温度 The environment temperature	贮存 Storage	-40°C~+70°C	
	工作 Operating	-25°C~+55°C	
工作湿度 Operating humidity		45 to 85%RH	
防护等级 Degree of Protection		IP65 Watertight/Oiltight	
材料 Material	灯罩 Lampshade	PC	
	灯体 Light body	ABS	
光源 Light source		LED	
额定绝缘电压 (UI) Rated insulation voltage	IEC60947-1	>800V	
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un	
额定电压 Rated Voltage		12V/DC	24V/DC
LED电流 LED Current	红色 Red	60mA	32mA
	黄色 Yellow	60mA	32mA
	绿色 Green	60mA	32mA
LED冲击电流 Surge current	所有颜色 All Colors	100mA	100mA
频率 Frequency	闪亮 Flashing	约1Hz About 1Hz	
蜂鸣器 Buzzer	电流 Current	18mA	
	音量 Volume	85dB	
电气寿命 Electrical life		约50000小时 About 50,000 hours	
接线方式 Connection mode	电子线 Wire	UL1007 AWG22 (L=800mm)	

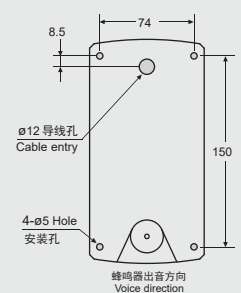
尺寸图 (Size Chart)

单位(Unit): mm

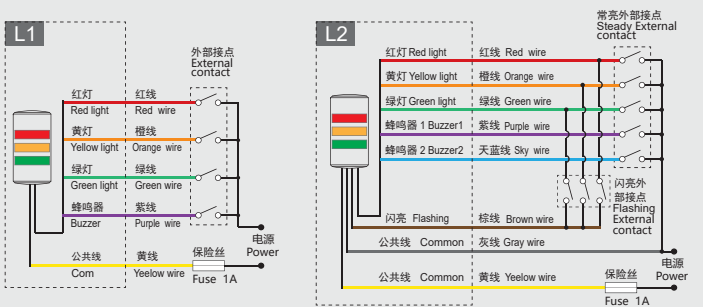
直接安装 Direct mount



安装尺寸 Mounting dimensions



接线图 (Wiring Diagram)





GV9

SERIES W90mm

警示灯/壁挂型 Signal Light/Wall mounting type

- 壁挂式设计，和设备融合度优异
- 精致的外观流线设计语言
- 明亮的LED显示效果
- 隐藏式的蜂鸣器出音口
- 可定制镀铬的灯体，产品透出金属质感
- Wall mounted design, excellent integration with equipment
- Exquisite appearance streamline design language
- Bright LED display effect
- Hidden buzzer outlet
- Customizable chrome-plated lamp body, the product shows metallic texture



型号说明 (Select Code)

GV9 - P 3 02 A - R Y G

1 2 3 4 5 6

1 灯体颜色: 空白 = 象牙白色 P = 镀铬	Body color: Blank = Ivory white P = Chrome plated
2 颜色数量: 3 = 1个颜色	Number of colors: 3 = 3 Color
3 额定电压: 01 = 12V/DC 02 = 24V/DC	Voltage: 01 = 12V/DC 02 = 24V/DC
4 功能: 无指定 = 常亮无声音 A = 蜂鸣连续音 B = 蜂鸣间断音	Function: None = Steady on No sound A = Buzzer continuous B = Buzzer hiatus
5 灯罩颜色: 空白 = 彩色 C = 透明色 M = 乳白色	Lamp Shade Color: No letters = Colours C = Transparent M = Milk color
6 发光颜色: 红色 = R 黄色 = Y 绿色 = G	Color: Red = R Yellow = Y Green = G

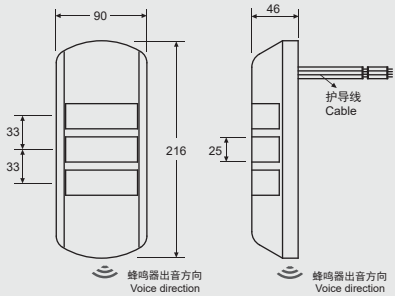
技术参数 (Technical Parameters)

标准 Standard		IEC/EN 61000-6
认证 Signal		CE
环境温度 The environment temperature	贮存 Storage	-40°C~+70°C
	工作 Operating	-25°C~+55°C
工作湿度 Operating humidity		45 to 85%RH
防护等级 Degree of Protection		IP65 Watertight/Oitight
材料 Material	灯罩 Lampshade	PC
	灯体 Light body	ABS
光源 Light source		LED
额定绝缘电压 (UI) Rated insulation voltage	IEC60947-1	>800V
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un
额定电压 Rated Voltage		12V/DC 24V/DC
LED电流 LED Current	红色 Red	60mA 32mA
	黄色 Yellow	60mA 32mA
	绿色 Green	60mA 32mA
LED冲击电流 Surge current	所有颜色 All Colors	100mA 100mA
频率 Frequency	闪亮 Flashing	约1Hz About 1Hz
蜂鸣器 Buzzer	电流 Current	18mA
	音量 Volume	85dB
电气寿命 Electrical life		约50000小时 About 50,000 hours
接线方式 Connection mode	电子线 Wire	UL1007 AWG22 (L=800mm)

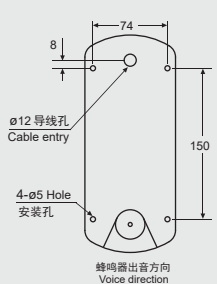
尺寸图 (Size Chart)

单位(Unit): mm

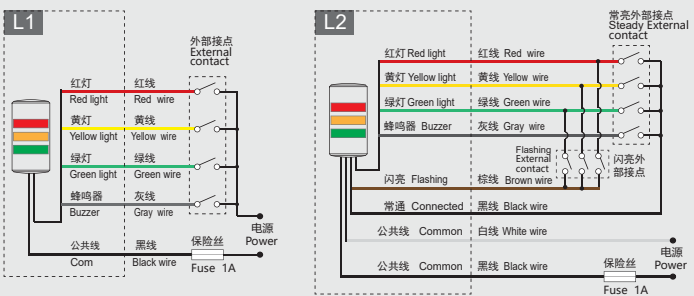
直接安装 Direct mount



安装尺寸 Mounting dimensions



接线图 (Wiring Diagram)



DHBC

SERIES

95-95mm

扬声器/面板式

Electronic Siren/Panel type

- 超薄面板式设计，美观又不占空间
- 精致的外观流线设计语言
- 音量隐藏式调节
- 支持多种控制方式
- 黑白颜色可选，可以匹配设备的颜色
- Ultra-thin plate design, beautiful and do not occupy space
- Exquisite appearance streamline design language
- Volume hidden adjustment
- Supports multiple control modes
- Black and white is optional and can match the color of the device



型号说明 (Select Code)

DHBC - 2 D - B 3

1 2 3 4

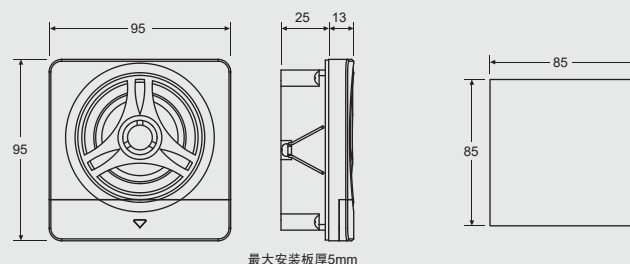
- | | |
|--|---|
| ① 额定电压: 01 = 12V/DC
02 = 24V/DC | Voltage: 01 = 12V/DC
02 = 24V/DC |
| ② 声音模式: A = RS-485
D = SD卡
G = 单片机 | Voice patterns: A = RS-485
D = SD card
G = Singlechip microcomputer |
| ③ 壳体颜色: B = 黑色
W = 白色 | Shell color: B = Black
W = White |
| ④ 接线方式: 1 = L1
2 = L2
3 = L3 | Connection mode: 1 = L1
2 = L2
3 = L3 |

尺寸图 (Size Chart)

单位(Unit): mm

直接安装 Direct mount

安装尺寸 Mounting dimensions



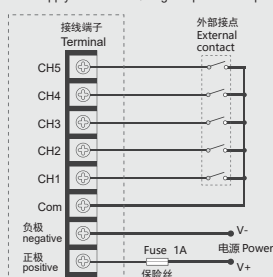
技术参数 (Technical Parameters)

标准 Standard	IEC/EN 61000-6	
认证 Signal	CE	
环境温度 The environment temperature	贮存 Storage	-40°C~+70°C
	工作 Operating	-25°C~+55°C
工作湿度 Operating humidity	45 to 85%RH	
防护等级 Degree of Protection	IP54 Watertight/Oitight	
材料 Material	壳体 Shell	ABS
额定绝缘电压(UI) Rated insulation voltage	IEC60947-1	>800V
音源 Audio source	扬声器 Speaker	
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un
额定电压 Rated Voltage	12V/DC	24V/DC
电流 Current	200mA	300mA
阻值 Resistance	2 Ω	
接线方式 Connection mode	外部接口 External contact	
	RS 485	
	二进制 Binary	
音量 Volume	105 dB	

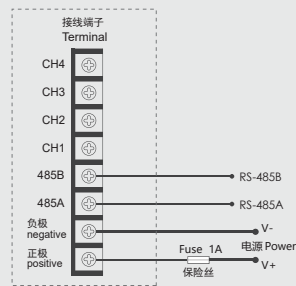
接线方式 (Connection mode)

L1 外部接口 External contact

适用于: SD卡/单片机
Apply to: SD card / Singlechip microcomputer

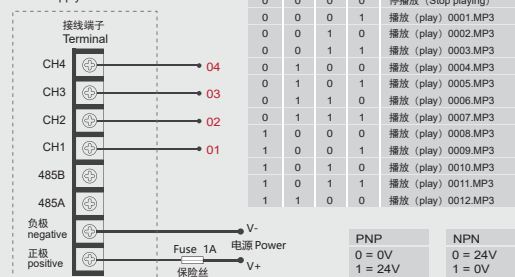


L2 通信协议 RS-485



L3 二进制 Binary

适用于: SD卡
Apply to: SD card



照明灯 Floodlight



GZM01 | SERIES W30 mm



- 超薄外形，精致的外观流线设计语言
- 适用于电控柜，自动化设备或工作台使用
- 灯面漫反射设计拥有柔和均匀的发光效果
- LED长寿命技术，超5万小时的连续工作
- 输入电压宽电压设计，恒定功率输出设计
- Ultra-thin appearance, exquisite appearance streamline design language
- Suitable for electric control cabinet, automation equipment or work table
- Diffuse light surface design has a soft and uniform luminous effect
- LED long life technology, more than 50,000 hours of continuous work
- Wide input voltage design, constant power output design

型号说明 (Select Code)

GZM01 - 02 P06 T6 A

1

2

3

4

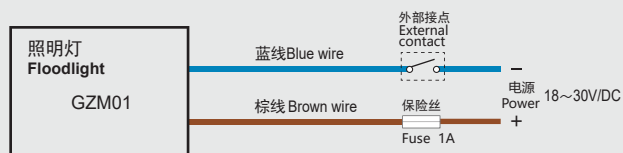
1 额定电压: 02 = 24V/DC Voltage: 02 = 24V/DC

3 色温: T4 = 4000K color temperature: T4 = 4000K
T6 = 6000K T6 = 6000K

2 功率: P06 = 6W Power: P06 = 6W
P12 = 12W P12 = 12W

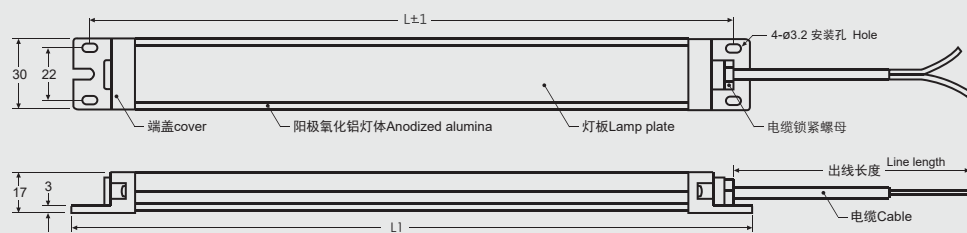
4 出线长度: A = 60cm Line length: A = 60cm
B = 150cm B = 150cm

接线方式 (Connection mode)



尺寸图 (Size Chart)

单位(Unit): mm



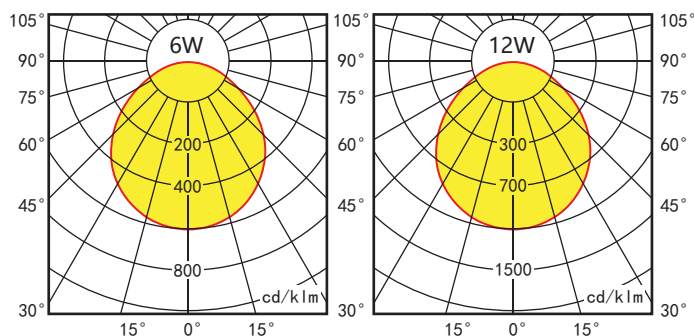
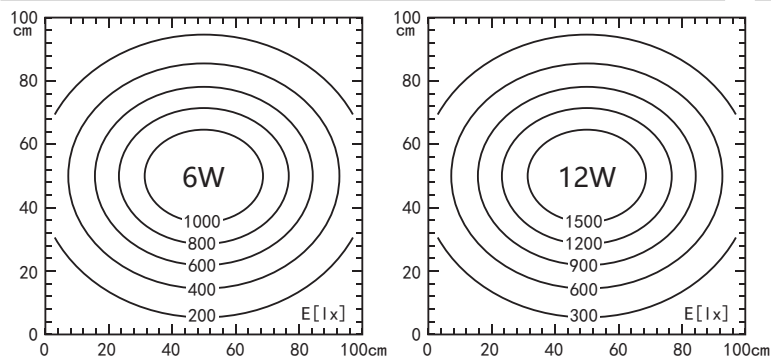
功率Power		功率Power	
6W		12W	
L	L1	L	L1
300mm	311mm	545mm	556mm

可根据用户的实际需求进行长度定制!
The length can be customized according to the actual needs of users!

技术参数 (Technical Parameters)

标准 Standard		IEC/EN 61000-6
认证 Signal		CE
环境温度 The environment temperature	贮存 Storage	-40°C~+70°C
	工作 Operating	-25°C~+55°C
工作湿度 Operating humidity		45 to 85%RH
防护等级 Degree of Protection		IP42 Watertight/Oiltight
保护等级 Protection level		III (IEC61140)
电缆 Cable		UL1007 AWG22
电气寿命 Electrical life		约50000小时About 50,000 hours

光源 Light source	LED	
额定电压 Rated Voltage	24V/DC	
电压范围 Voltage range	18V/DC~30V/DC	
色温 Colour temperature	4000K±10% or 6200K±10%	
光通量 Luminous flux	6W:650Lm	12W:3000Lm
光强 Light intensity	Distance is 50cm	6W:1000Lx 12W:1500Lx
电流 Current	6W:280mA	12W:520mA
照度 Irradiation Angle	95°(CO-C-180)	
光通量 Color rendering index	75	



照明灯 Floodlight



GZM03 | 嵌入式 Embedded Installation

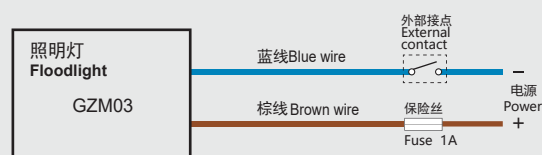
- 超薄外形，精致的外观流线设计语言
- 嵌入式安装，提升空间利用率
- 高防护等级可适用于低温或者高湿度环境
- LED长寿技术，超5万小时的连续工作
- 输入电压宽电压设计，恒定功率输出设计
- Ultra-thin shape, delicate appearance streamline design language
- Embedded installation to improve space utilization
- The high protection level is suitable for low temperature and high humidity environment
- LED long life technology, more than 50,000 hours of continuous work
- Input voltage wide voltage design, constant power output design

型号说明 (Select Code)

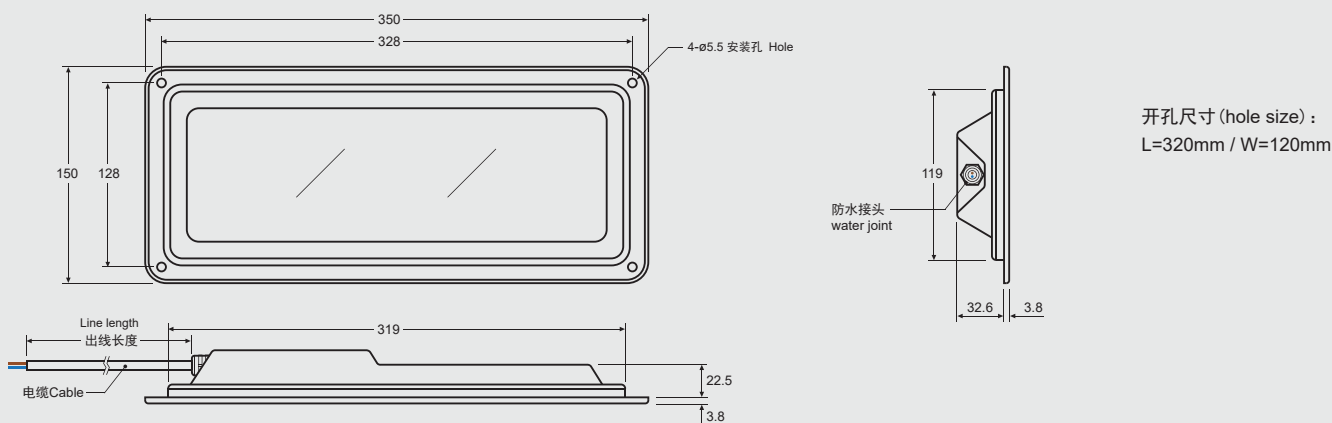


- | | |
|--|---|
| ① 额定电压: 02 = 12~30V AC/DC
20 = 90~260V AC | Voltage: 02 = 12~30V AC/DC
20 = 90~260V AC |
| ② 功率: P10 = 10~15W
P20 = 20~30W | Power: P10 = 10~15W
P20 = 20~30W |
| ③ 色温: T4 = 4000K
T6 = 6000K | Color temperature: T4 = 4000K
T6 = 6000K |
| ④ 出线长度: A = 60cm
B = 150cm | Line length: A = 60cm
B = 150cm |

接线方式 (Connection mode)



尺寸图 (Size Chart) 单位(Unit): mm



技术参数 (Technical Parameters)

标准 Standard	IEC/EN 61000-6	光源 Light source	LED
认证 Signal	CE	额定电压 Rated Voltage	24V AC/DC 100V~230V AC
环境温度 The environment temperature	贮存 Storage	电压范围 Voltage range	12V~30V AC/DC 90V~260V AC
	工作 Operating	色温 Colour temperature	4000K±10% or 6200K±10%
工作湿度 Operating humidity	45 to 85%RH	光通量 Luminous flux	10W:1400Lm 20W:3500Lm
防护等级 Degree of Protection	I P67 Watertight/Otight	光强 Light intensity Distance is 50cm	10W:1000Lx 20W:1500Lx
保护等级 Protection level	III (IEC61140)	电流 Current	10W:280mA 20W:520mA
电缆 Cable	UL1007 AWG22	照度 Irradiation Angle	95°(CO-C-180)
电气寿命 Electrical life	约50000小时About 50,000 hours	光通量 Color rendering index	75

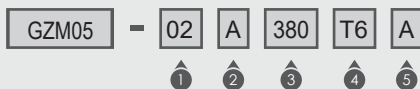
照明灯 Floodlight

GZM05 | SERIES W40 mm



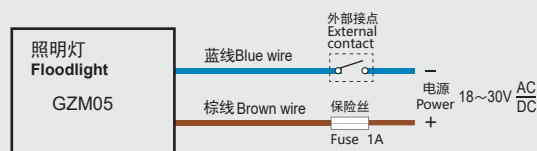
- 超薄外形，精致的外观流线设计语言
- 适用于电控柜，自动化设备或工作台使用
- 灯面漫反射设计拥有柔和均匀的发光效果
- LED长寿命技术，超5万小时的连续工作
- 输入电压宽电压设计，恒定功率输出设计
- Ultra-thin appearance, exquisite appearance streamline design language
- Suitable for electric control cabinet, automation equipment or work table
- Diffuse light surface design has a soft and uniform luminous effect
- LED long life technology, more than 50,000 hours of continuous work
- Wide input voltage design, constant power output design

型号说明 (Select Code)



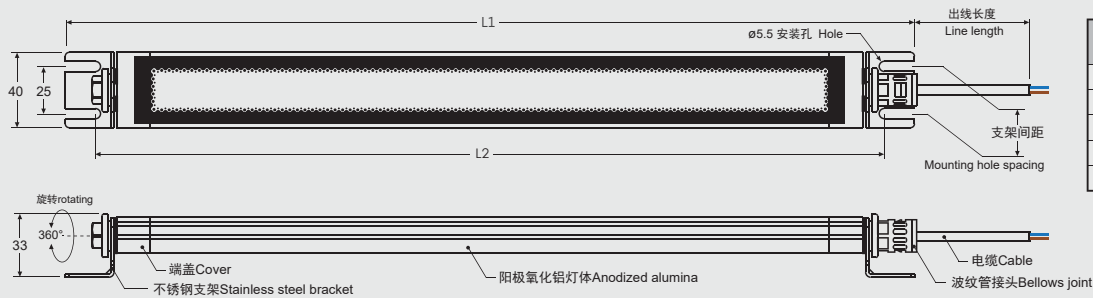
1 额定电压: 02 = 24V AC/DC Voltage: 02 = 24V AC/DC	4 色温: T4 = 4000K T6 = 6000K color temperature: T4 = 4000K T6 = 6000K
2 支架孔距: A = 20 B = 25 C = 32 D = 40 Mounting hole spacing: A = 20 B = 25 C = 32 D = 40	5 出线长度: A = 60cm B = 100cm C = 200cm D = 300cm Line length: A = 60cm B = 100cm C = 200cm D = 300cm
3 规格长度: 200 = 总长273mm 380 = 总长451mm 500 = 总长571mm 600 = 总长685mm 800 = 总长871mm Specifications length: 200 = Total Length 273mm 380 = Total Length 451mm 500 = Total Length 571mm 600 = Total Length 685mm 800 = Total Length 871mm	

接线方式 (Connection mode)



尺寸图 (Size Chart)

单位(Unit): mm



规格长度 Specifications length	灯体总长 L1	安装孔距 L2	功率 Power
200	273	240~268	6.6W
380	451	418~446	15W
500	571	538~566	17W
600	685	652~680	23W
800	871	838~866	30W

可根据用户的实际需求进行长度定制!
The length can be customized according to the actual needs of users!

适配AD10波纹管/Suitable for AD10 bellows!

技术参数 (Technical Parameters)

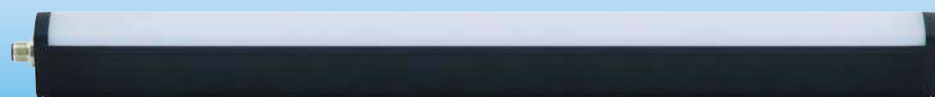
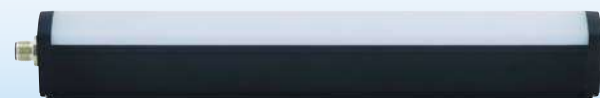
标准 Standard		IEC/EN 61000-6
认证 Signal		CE
环境温度 The environment temperature	贮存 Storage	-40℃~+70℃
	工作 Operating	-25℃~+55℃
工作湿度 Operating humidity		45 to 85%RH
防护等级 Degree of Protection		I P67 Watertight/Oitight
保护等级 Protection level		III (IEC61140)
电缆 Cable		UL1007 AWG22
电气寿命 Electrical life		约50000小时About 50,000 hours

光源 Light source	LED
额定电压 Rated Voltage	24V AC/DC
电压范围 Voltage range	18~30V AC/DC
色温 Colour temperature	4000K±10% or 6200K±10%
光通量 Luminous flux	200:850Lm 380:1250Lm 500:1650Lm 600:2050Lm 800:2450Lm
光强 Light intensity	Distance is 50cm 200:550Lx 380:850Lx 500:1150Lx 600:1450Lx 800:1750Lx
电流 Current	200:275mA 380:650mA 500:710mA 600:960mA 800:1300mA
照度 Irradiation Angle	95°(CO-C-180)
光通量 Color rendering index	75

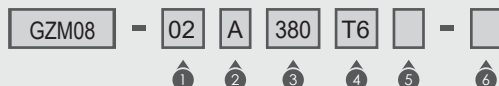
照明灯 Floodlight

GZM08 | SERIES W32 mm

- 超薄外形，精致的外观流线设计语言
- 适用于电控柜，自动化设备或工作台使用
- 灯面漫反射设计拥有柔和均匀的发光效果
- LED长寿命技术，超5万小时的连续工作
- 输入电压宽电压设计，恒定功率输出设计
- Ultra-thin appearance, exquisite appearance streamline design language
- Suitable for electric control cabinet, automation equipment or work table
- Diffuse light surface design has a soft and uniform luminous effect
- LED long life technology, more than 50,000 hours of continuous work
- Wide input voltage design, constant power output design

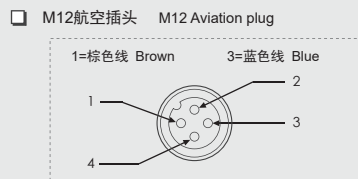
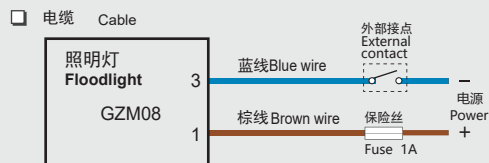


型号说明 (Select Code)



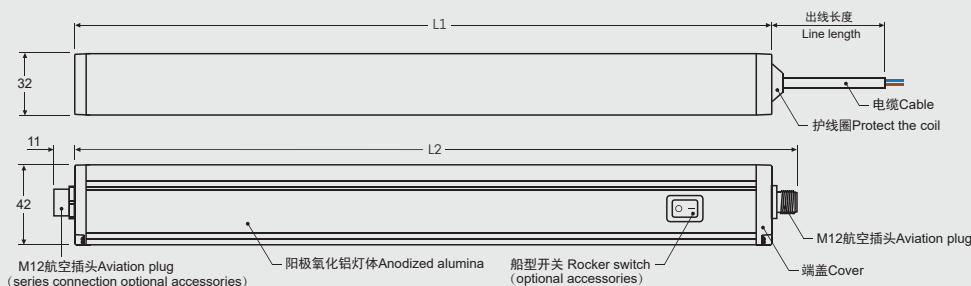
- | | |
|--|---|
| 1 额定电压: 02 = 24V/DC
20 = 85~260V AC
Voltage: 02 = 24V/DC
20 = 85~260V AC | 4 色温: T4 = 4000K
T6 = 6000K
color temperature: T4 = 4000K
T6 = 6000K |
| 2 安装方式: A = 卡扣
B = 磁钢
Installation: A = Card buckle
B = Magnetic steel | 5 开关方式: 无指定 = 常通
S = 船型开关
Switch mode: None = Normal open
S = Rocker switch |
| 3 规格长度: 300 = 长度300mm
580 = 长度580mm
860 = 长度860mm
1140 = 长度1140mm
Specifications length: 300 = Length 300mm
580 = Length 580mm
860 = Length 860mm
1140 = Length 1140mm | |
| 6 接线方式: A = 电缆长100cm
B = 电缆长200cm
C = 电缆长300cm
Q = M12航空插头
Round way: A = Cable 100cm
B = Cable 200cm
C = Cable 200cm
Q = M12 Aviation plug | |

接线方式 (Connection mode)



尺寸图 (Size Chart)

单位(Unit): mm



规格长度 Specifications length	灯体长度 L1	长度 L2	功率 Power
300	300	314	6.6W
580	580	594	13.2W
860	860	874	19.8W
1140	1140	1154	26.4W

! 可根据用户的实际需求进行长度定制!
The length can be customized according to the actual needs of users!

技术参数 (Technical Parameters)

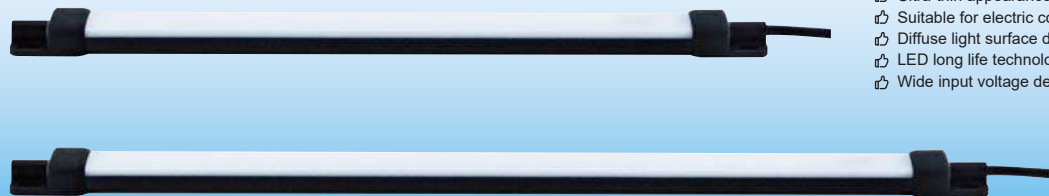
标准 Standard		IEC/EN 61000-6
认证 Signal		CE
环境温度 The environment temperature	贮存 Storage	-40°C~+70°C
	工作 Operating	-25°C~+55°C
工作湿度 Operating humidity		45 to 85%RH
防护等级 Degree of Protection		IP50 Watertight/Oitight
保护等级 Protection level		III (IEC61140)
电缆 Cable		UL1007 AWG22
电气寿命 Electrical life		约50000小时About 50,000 hours

光源 Light source		LED
额定电压 Rated Voltage		24V AC/DC 100~230V AC
电压范围 Voltage range		18~30V AC/DC 85~260V AC
色温 Colour temperature		4000K±10% 6200K±10%
光通量 Luminous flux		300:850Lm 580:1250Lm
		860:2050Lm 1140:2450Lm
光强 Light intensity	Distance is 50cm	300:550Lx 1580:850Lx
		860:1450Lx 1140:1750Lx
电流 Current		300:275mA 580:550mA
		860:825mA 1140:1100mA
照度 Irradiation Angle		95°(CO-C-180)
光通量 Color rendering index		75

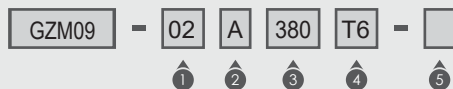
照明灯 Floodlight

GZM09 | SERIES W32 mm

- 超薄外形，精致的外观流线设计语言
- 适用于电控柜，自动化设备或工作台使用
- 灯面漫反射设计拥有柔和均匀的发光效果
- LED长寿命技术，超5万小时的连续工作
- 输入电压宽电压设计，恒定功率输出设计
- Ultra-thin appearance, exquisite appearance streamline design language
- Suitable for electric control cabinet, automation equipment or work table
- Diffuse light surface design has a soft and uniform luminous effect
- LED long life technology, more than 50,000 hours of continuous work
- Wide input voltage design, constant power output design

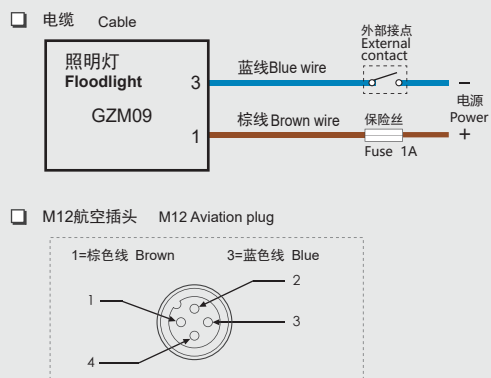


型号说明 (Select Code)



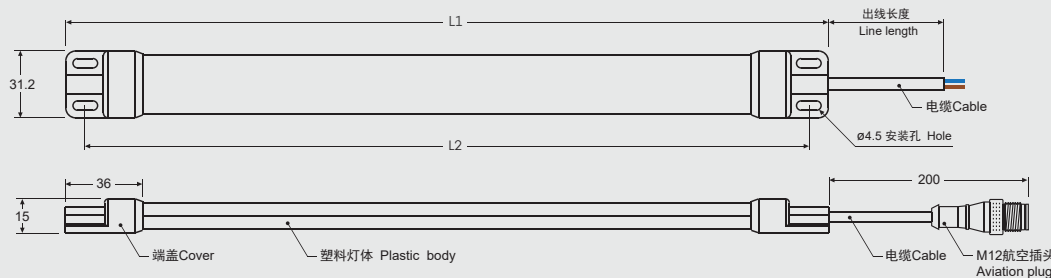
1 额定电压: 02 = 24V/DC Voltage: 02 = 24V/DC	4 色温: T4 = 4000K T6 = 6000K R = 红色 Y = 黄色 G = 绿色 B = 蓝色 color temperature: T4 = 4000K T6 = 6000K R = Red Y = Yellow G = Green B = Blue
2 安装方式: A = 卡扣 B = 直接安装 Installation: A = Card buckle B = Direct mount	
3 规格长度: 220 = 长度220mm 360 = 长度360mm 500 = 长度500mm 640 = 长度640mm 920 = 长度920mm 1200 = 长度1200mm Specifications length: 220 = Length 220mm 360 = Length 360mm 500 = Length 500mm 640 = Length 640mm 920 = Length 920mm 1200 = Length 1200mm	
5 接线方式: A = 电缆长100cm B = 电缆长200cm C = 电缆长300cm Q = M12航空插头 Round way: A = Cable 100cm B = Cable 200cm C = Cable 200cm Q = M12 Aviation plug	

接线方式 (Connection mode)



尺寸图 (Size Chart)

单位(Unit): mm



规格长度 Specifications length	灯体长度 L1	长度 L2	功率 Power
220	220	198~204	2W
360	360	338~344	4.3W
500	500	478~484	6.6W
640	640	618~624	8.6W
920	920	898~904	13W
1200	1200	1178~1184	18W

! 可根据用户的实际需求进行长度定制!
The length can be customized according to the actual needs of users!

技术参数 (Technical Parameters)

标准 Standard	IEC/EN 61000-6	光源 Light source	LED
认证 Signal	CE	额定电压 Rated Voltage	24V AC/DC
环境温度 The environment temperature	贮存 Storage -40°C~+70°C 工作 Operating -25°C~+55°C	电压范围 Voltage range	18~30V AC/DC
工作湿度 Operating humidity	45 to 85%RH	色温 Colour temperature	4000K±10% 6200K±10%
防护等级 Degree of Protection	IP50 Watertight/Oiltight	光通量 Luminous flux	6200K±10% 220:550Lm 360:750Lm 500:950Lm 640:1150Lm 920:1450Lm 1200:1750Lm
保护等级 Protection level	III (IEC61140)	光强 Light intensity	Distance is 50cm 6200K±10% 220:350Lx 360:450Lx 500:550Lx 640:650Lx 920:850Lx 1200W:1050Lx
电缆 Cable	UL1007 AWG22	电流 Current	6200K±10% 220:86mA 360:181mA 500:275mA 640:362mA 920:550mA 1200:730mA
电气寿命 Electrical life	约50000小时About 50,000 hours	照度 Irradiation Angle	95°(CO-C-180)
		光通量 Color rendering index	75

线条灯

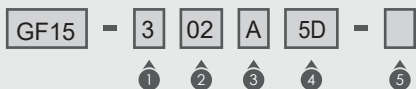
LED line lights

GF15

SERIES W15 mm

- 超薄外形，精致的外观流线设计语言
- 适用于电控柜，自动化设备或工作台使用
- 灯面漫反射设计拥有柔和均匀的发光效果
- LED长寿命技术，超5万小时的连续工作
- 输入电压宽电压设计，恒定功率输出设计
- Ultra-thin appearance, exquisite appearance streamline design language
- Suitable for electric control cabinet, automation equipment or work table
- Diffuse light surface design has a soft and uniform luminous effect
- LED long life technology, more than 50,000 hours of continuous work
- Wide input voltage design, constant power output design

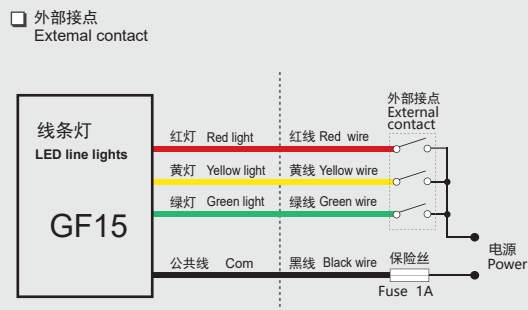
型号说明 (Select Code)



① 颜色数量: 3 = 3个颜色 Number of colors: 3 = 3 Colors	⑤ 出线长度: A = 电缆长50cm B = 电缆长100cm C = 电缆长200cm D = 电缆长300cm Cable length: A = Cable 50cm B = Cable 100cm C = Cable 200cm D = Cable 300cm
② 额定电压: 02 = 24V/DC Voltage: 02 = 24V/DC	
③ 极性: A = 共正极 B = 共负极 Polarity: A = Public the anode B = Public the cathode	
④ 规格长度: 1 D = 长度130mm 2 D = 长度238mm 3 D = 长度346mm 4 D = 长度454mm 5 D = 长度562mm 6 D = 长度670mm 7 D = 长度778mm 9 D = 长度994mm 10 D = 长度1102mm 11 D = 长度1210mm 13 D = 长度1426mm 16 D = 长度1750mm 19 D = 长度2074mm Specifications length: 1 D = Length 130mm 2 D = Length 238mm 3 D = Length 346mm 4 D = Length 454mm 5 D = Length 562mm 6 D = Length 670mm 7 D = Length 778mm 9 D = Length 994mm 10 D = Length 1102mm 11 D = Length 1210mm 13 D = Length 1426mm 16 D = Length 1750mm 19 D = Length 2074mm	

可根据用户的实际需求进行长度定制!
The length can be customized according to the actual needs of users!

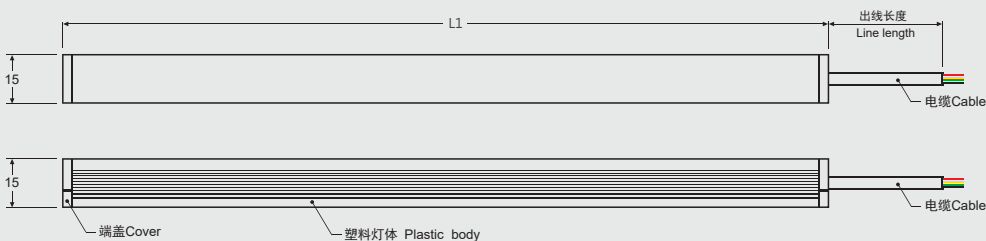
接线方式 (Connection mode)



接线前请确认公共线的极性，极性接线错误会导致信号灯不亮!
Please confirm the polarity of the common wire wiring before wiring.
The wrong polarity wiring will cause the signal light not to be bright!

尺寸图 (Size Chart)

单位(Unit): mm



规格长度 Specifications length	灯体长度 L1	功率 Power	红色Red	黄色Yellow	绿色Green
1 D	130	0.38W	0.38W	0.31W	
2 D	238	0.77W	0.77W	0.62W	
3 D	346	1.15W	1.15W	0.94W	
4 D	454	1.53W	1.53W	1.25W	
5 D	562	1.92W	1.92W	1.56W	
6 D	670	2.30W	2.30W	1.87W	
7 D	778	2.68W	2.68W	2.18W	
9 D	994	3.45W	3.45W	2.80W	
10 D	1102	3.84W	3.84W	3.12W	
11 D	1210	4.22W	4.22W	3.43W	
13 D	1426	4.99W	4.99W	4.06W	
16 D	1750	6.14W	6.14W	4.99W	
19 D	2074	7.30W	7.30W	5.93W	

技术参数 (Technical Parameters)

标准 Standard		IEC/EN 61000-6
认证 Signal		CE
环境温度 The environment temperature	贮存 Storage	-40°C~+70°C
	工作 Operating	-25°C~+55°C
工作湿度 Operating humidity		45 to 85%RH
防护等级 Degree of Protection		I P65 Watertight/Oitight
保护等级 Protection level		III (IEC61140)
电缆 Cable		UL1007 AWG24
电气寿命 Electrical life		约50000小时About 50,000 hours

光源 Light source		LED
额定电压 Rated Voltage		24V DC
电压范围 Voltage range		22~26V DC
颜色 Colour		Red Yellow Green
电流 Current	规格长度 Specifications length	16mA / 1D 16mA / 1D 13mA / 1D
LED冲击电流 Surge current		40mA / 1D

照明灯 Floodlight

GZM55 | SERIES W33 mm

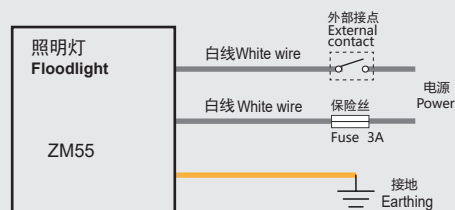
- ☛ 超薄外形，精致的外观流线设计语言
- ☛ 适用于电控柜，自动化设备或工作台使用
- ☛ 灯面漫反射设计拥有柔和均匀的发光效果
- ☛ LED长寿命技术，超5万小时的连续工作
- ☛ 输入电压宽电压设计，恒定功率输出设计
- ☛ Ultra-thin appearance, exquisite appearance streamline design language
- ☛ Suitable for electric control cabinet, automation equipment or work table
- ☛ Diffuse light surface design has a soft and uniform luminous effect
- ☛ LED long life technology, more than 50,000 hours of continuous work
- ☛ Wide input voltage design, constant power output design

型号说明 (Select Code)

GZM55 - 02 E 300 T6

1 额定电压: 02 = 24V/DC Voltage	Voltage: 02 = 24V/DC
2 安装方式: E = 卡扣 Installation method	Installation: E = Card buckle
3 规格长度: 300 = 长度300mm Specification length	Specifications length: 300 = Length 300mm 380 = Length 380mm 600 = Length 600mm 900 = Length 900mm 1200 = Length 1200mm
4 色温: T5 = 5000K TC T6 = 6000K	color temperature: T5 = 5000K T6 = 6000K

接线方式 (Connection mode)



尺寸图 (Size Chart) 单位(Unit): mm

规格长度 Specifications length	300	600	900	900	1200
L	318mm	610mm	895mm	900mm	1192mm



可根据用户的实际需求进行长度定制!
The length can be customized according to the actual needs of users!

安装支架尺寸图 Bracket size diagram 型号 Model: S3315	
电源线 Cable 型号 Model: CBL-0.3X3-L150	
连接器 Connector 型号 Model: LJQ-3X2211	

技术参数 (Technical Parameters)

标准 Standard		IEC/EN 61000-6
认证 Signal		CE
环境温度 The environment temperature	贮存 Storage	-40°C~+70°C
	工作 Operating	-25°C~+55°C
工作湿度 Operating humidity		45 to 85%RH
防护等级 Degree of Protection		I P42 Watertight/Oitight
保护等级 Protection level		III (IEC61140)
电缆 Cable		UL1007 AWG22
电气寿命 Electrical life		约50000小时About 50,000 hours

光源 Light source		LED
额定电压 Rated Voltage		24V AC/DC
电压范围 Voltage range		10~30V AC/DC
色温 Colour temperature		5000K±10% 6000K±10%
光通量 Luminous flux		300=400Lm 600=900Lm 900=1300Lm 1200=1800Lm
功率 Power		300=4W 600=9W 900=13W 1200=18W
电流 Current		300=160mA 600=375mA 900=540mA 1200=750mA
照度 Irradiation Angle		95°(CO-C-180)
Color rendering		

照明灯
Floodlight

GZM53 | SERIES
W25 mm

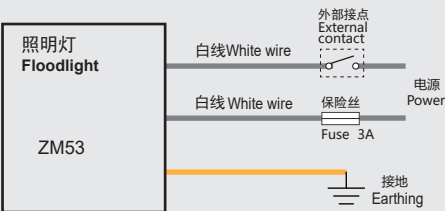
- 超薄外形，精致的外观流线设计语言
- 适用于电控柜，自动化设备或工作台使用
- 灯面漫反射设计拥有柔和均匀的发光效果
- LED长寿命技术，超5万小时的连续工作
- 输入电压宽电压设计，恒定功率输出设计
- Ultra-thin appearance, exquisite appearance streamline design language
- Suitable for electric control cabinet, automation equipment or work table
- Diffuse light surface design has a soft and uniform luminous effect
- LED long life technology, more than 50,000 hours of continuous work
- Wide input voltage design, constant power output design

型号说明 (Select Code)

GZM53 - 02 E 300 T6

1 额定电压: 02 = 24V/DC Voltage	Voltage: 02 = 24V/DC
2 安装方式: E = 卡扣 Installation method	Installation: E = Card buckle
3 规格长度: 300 = 长度300mm Specification length	Specifications length: 300 = Length 300mm 380 = Length 380mm 600 = Length 600mm 900 = Length 900mm 1200 = Length 1200mm
4 色温: T5 = 5000K TC T6 = 6000K	color temperature: T5 = 5000K T6 = 6000K

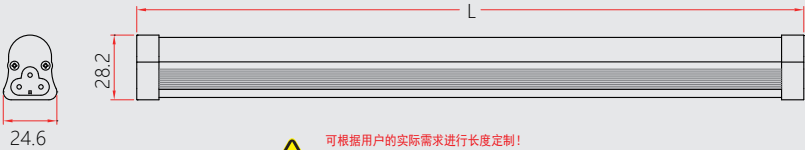
接线方式 (Connection mode)



尺寸图 (Size Chart)

单位(Unit): mm

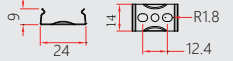
规格长度 Specifications length	300	380	600	900	1200
L	300mm	380mm	600mm	900mm	1200mm



可根据用户的实际需求进行长度定制!
The length can be customized according to the actual needs of users!

安装支架尺寸图
Bracket size diagram

型号 Model: S2414



电源线

Cable

型号 Model: CBL-0.3X3-L150



连接器

Connector

型号 Model: LJQ-3X2211



技术参数 (Technical Parameters)

标准 Standard		IEC/EN 61000-6
认证 Signal		CE
环境温度 The environment temperature	贮存 Storage	-40°C~+70°C
	工作 Operating	-25°C~+55°C
工作湿度 Operating humidity		45 to 85%RH
防护等级 Degree of Protection		I P42 Watertight/Oitight
保护等级 Protection level		III (IEC61140)
电缆 Cable		UL1007 AWG22
电气寿命 Electrical life		约50000小时About 50,000 hours

光源 Light source	LED		
额定电压 Rated Voltage	24V AC/DC		
电压范围 Voltage range	10~30V AC/DC		
色温 Colour temperature	5000K±10%	6000K±10%	
光通量 Luminous flux	300=400Lm	380=500Lm	600=900Lm
	900=1300Lm	1200=1800Lm	
功率 Power	300=4W	380=5W	600=9W
	900=13W	1200=18W	
电流 Current	300=160mA	380=210mA	600=375mA
	900=540mA	1200=750mA	
照度 Irradiation Angle	95°(CO-C-180)		
光通量 Color rendering index	75		

GFB10 | SERIES

Ø110mm

警示灯/防爆型

Signal Light/Explosion-proof type



- 符合防爆标准设计
- 精致的外观流线设计语言
- 醒目的外光颜色起到很好的警示效果
- 爆闪的氙气大灯保证了警示的效果
- 纯铝外壳设计，重量得到改善并符合防爆要求
- Conform to explosion-proof standard design
- Exquisite appearance streamline design language
- Striking exterior light color plays a good warning effect
- Flashing xenon headlights ensure the warning effect
- Pure aluminum shell design, weight improved and explosion-proof requirements



型号说明 (Select Code)

GFB10 - 02 Y

① ②

① 额定电压: 01 = 12V/DC
02 = 24V/DC

Voltage: 01 = 12V/DC
02 = 24V/DC

② 发光颜色: 红色 = R
黄色 = Y

Color: Red = R
Yellow = Y

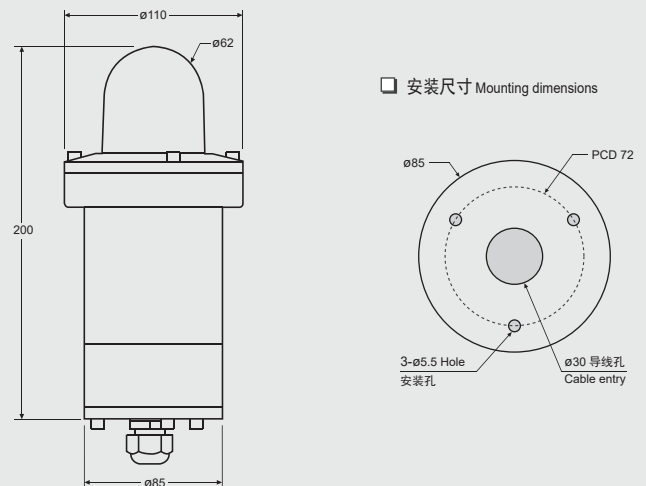
技术参数 (Technical Parameters)

标准 Standard		IEC/EN 61000-6
认证 Signal		CE
环境温度 The environment temperature	贮存 Storage	-40°C~+70°C
	工作 Operating	-25°C~+55°C
工作湿度 Operating humidity		45 to 85%RH
防护等级 Degree of Protection		IP65 Watertight/Oiltight
材料 Material	灯罩 Lampshade	钢化玻璃 Toughened glass
	灯体 Light body	铝合金 Aluminum alloy
光源 Light source		氙灯 Xenon lamp
额定绝缘电压 (UI) Rated insulation voltage	IEC60947-1	>800V
电压范围 Voltage range	IEC60947-5-1	V0.85~1.10Un
额定电压 Rated Voltage		12V/DC 24V/DC
LED电流 LED Current	红色 Red	700mA 350mA
	黄色 Yellow	700mA 350mA
频率 Frequency	闪亮 Flashing	约1Hz About 1Hz
电气寿命 Electrical life		约50000小时 About 50,000 hours
接线方式 Connection mode	连接端子 Connector	Screw TYPE PCB terminal, spacing 5.0mm-3p

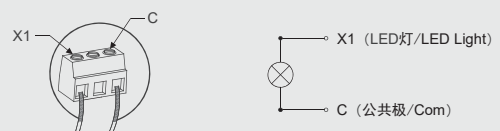


尺寸图 (Size Chart)

单位(Unit): mm



接线图 (Wiring Diagram)



支持RS-485通信协议的警示灯
Warning light that supports RS-485 communication protocol

GQ5BX SERIES



GM5E SERIES



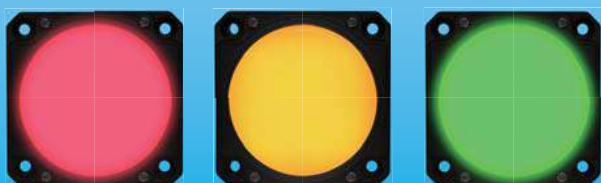
GL6U SERIES



GQ9 SERIES

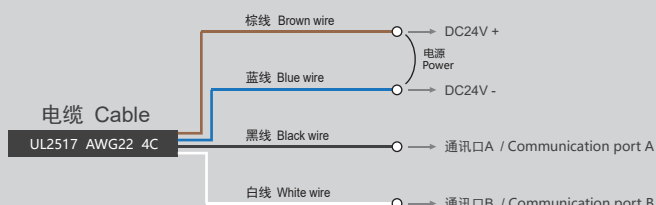


GF8X SERIES



接线方式 (Connection mode)

4芯护套线 (4 core cable)



M12航空插头 (M12 Aviation plug)



RS-485 | SERIES

警示灯/通信协议

Signal Light/Communication protocol

- RS-485警示灯通过485通信方式对警示灯进行控制
- 通讯协议采用标准的modbus-rut通信协议
- 可以与上位机组态软件, 触摸屏, PLC等设备进行通讯控制
- 隔离电路可以有效增强抗电磁干扰的能力
- 可恢复出厂时的参数设定
- Rs-485 warning light through 485 communication to control the warning light
- The communication protocol adopts the standard Modbus-RUT communication protocol
- It can communicate and control with host configuration software, touch screen, PLC and other equipment
- Isolation circuit can effectively enhance the ability to resist electromagnetic interference
- Parameter Settings can be restored to factory Setting

配置软件界面 (Configuring the Software Desktop)

The software configuration interface includes the following sections:

- 亮灯时间 (Light On Time):** 1-6 ms
- 灭灯时间 (Light Off Time):** 1-6 ms
- 间隔时间 (Interval Time):** 1-6 ms
- 闪烁次数 (Flash Count):** 1-6
- 灯光控制 (Light Control):** 1-6 (Dropdown)
- 蜂鸣频率 (Buzzer Frequency):** 频率1-4 hz
- 蜂鸣时间 (Buzzer Time):** 时间1-4 ms
- 蜂鸣控制 (Buzzer Control):** 音量 %, 模式
- 通信设置 (Communication Setting):** 设定波特率, 设定地址, 设定校验方式
- 主站参数 (Master Parameters):** 串口, 波特率 (9600), 校验方式, 地址 (1), OPEN, 设定所有参数, 写入所有参数, 保存参数

The software configuration interface includes the following sections:

- ON Time:** 1-6 ms
- OFF Time:** 1-6 ms
- Delay Time:** 1-6 ms
- Flash Time:** 1-6
- Light Control:** 1-6 (Dropdown)
- Buzzer Frequency:** FRQ1-4 hz
- Buzzer Time:** TM1-4 ms
- Buzzer Control:** VOL %, Mode
- Communication Setting:** Set BAUD, Set HART, Set Verify
- Parameters:** COM, BAUD (9600), Verify, HART (1), OPEN, Set all Parameters, Write all Parameters, SAVE SETTINGS

NIETZ

Signal Light Series



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