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性能指标 Performance



HP10硅压阻压力传感器/HP10 Silicon Piezoresistive Pressure Sensor

量程范围/Pressure Range: -100kPa~0~10kPa~100MPa
压力类型/Pressure Type: 表压/Gauge, 绝压/Absolute, 密封表压/Sealed
激励/Supply: 恒流1.5mA/Constant Current 1.5mA
零点输出/Zero Output: $\pm 1\text{mVDC}$ (典型/Typical)
满量程输出/Full Scale Output: 90mVDC (典型/Typical)
补偿温度/Compensation Temperature: $-10^{\circ}\text{C}\sim 70^{\circ}\text{C}$
非线性/Nonlinearity: $\pm 0.2\%\text{FS}$ (典型/Typical)
长期稳定性/Long-term Stability: $\pm 0.2\%\text{FS}$ (典型/Typical)



HP10M硅压阻压力传感器模块/HP10M Silicon Piezoresistive Pressure Sensor Module

量程范围/Pressure Range: -100kPa~0~10kPa~100MPa
压力类型/Pressure Type: 表压/Gauge, 绝压/Absolute, 密封表压/Sealed
供电/Supply: 24VDC
输出/Output: $4\sim 20\text{mADC}$, $0/1\sim 5\text{VDC}$, $0/1\sim 10\text{VDC}$ 等/etc
补偿温度/Compensation Temperature: $-10^{\circ}\text{C}\sim 70^{\circ}\text{C}$
精度/Accuracy: $\pm 0.5\%\text{FS}$ (典型/Typical), $\pm 0.25\%\text{FS}$ (可选/Optional)
长期稳定性/Long-term Stability: $\pm 0.2\%$ (典型/Typical)
尺寸/Size: $\Phi 19\text{mm}$



HP12螺纹型纯平膜压力传感器/HP12 Screw Type Flat Film Pressure Sensor

量程范围/Pressure Range: -100kPa~0~20kPa~60MPa
压力类型/Pressure Type: 表压/Gauge, 绝压/Absolute, 密封表压/Sealed
激励/Supply: 恒流1.5mA/Constant Current 1.5mA
输出/Output: $0\sim 100\text{mVDC}$ (典型/Typical)
补偿温度/Compensation Temperature: $-5^{\circ}\text{C}\sim 60^{\circ}\text{C}$
非线性/Nonlinearity: $\pm 0.25\%$ (典型/Typical)
长期稳定性/Long-term Stability: $\pm 0.2\%$ (典型/Typical)
压力接口/Process Connection: $\text{M}20\times 1.5$, $\text{G}1/2$, $\text{G}1$ 等/etc



HP16卡盘纯平膜式压力传感器/HP16 Tri-Clamp Flat Film Pressure Sensor

量程范围/Pressure Range: -100kPa~0~20kPa~4MPa
压力类型/Pressure Type: 表压/Gauge, 绝压/Absolute, 密封表压/Sealed
激励/Supply: 恒流1.5mA/Constant Current 1.5mA
输出/Output: $0\sim 100\text{mVDC}$ (典型/Typical)
补偿温度/Compensation Temperature: $-5^{\circ}\text{C}\sim 60^{\circ}\text{C}$
非线性/Nonlinearity: $\pm 0.25\%$ (典型/Typical)
长期稳定性/Long-term Stability: $\pm 0.2\%$ (典型/Typical)
尺寸/Size: $\Phi 25.2$, $\Phi 50.5$, $\Phi 64$ 等/etc



HP15M硅压阻压力传感器模块/HP15M Silicon Piezoresistive Pressure Sensor Module

量程范围/Pressure Range: $0\sim 40\text{kPa}\sim 10\text{MPa}$
压力类型/Pressure Type: 表压/Gauge, 密封表压/Sealed
供电/Supply: 24VDC ($10\sim 30\text{VDC}$)
输出/Output: $4\sim 20\text{mADC}$
补偿温度/Compensation Temperature: $-20^{\circ}\text{C}\sim 80^{\circ}\text{C}$
精度/Accuracy: $\pm 0.25\%\text{FS}$ (典型/Typical)
长期稳定性/Long-term Stability: $\pm 0.25\%\text{FS}$ (典型/Typical)
尺寸/Size: $\Phi 19\text{mm}$

性能指标 Performance



HP318陶瓷压阻压力传感器/HP318 Ceramic Piezoresistive Pressure Sensor

量程范围/Pressure Range: $0\sim 2\text{bar}\sim 600\text{bar}$
激励/Supply: $2\sim 30\text{VDC}$
满量程输出/Full Scale Output: $\geq 2\text{mV/V}$
工作温度/Working Temperature: $-40^{\circ}\text{C}\sim 135^{\circ}\text{C}$
温漂系数/Temperature Coefficient: $\pm 0.03\%\text{FS}/^{\circ}\text{C}$
精度/Accuracy: $\pm 0.5\%\text{FS}$
长期稳定性/Long-term Stability: $\pm 0.25\%$ (典型/Typical)
尺寸/Size: $\Phi 18\times 6.35\text{mm}$, $\Phi 18\times 3.5\text{mm}$



HP314陶瓷压阻压力传感器/HP314 Ceramic Piezoresistive Pressure Sensor

量程范围/Pressure Range: $0\sim 10\text{bar}\sim 400\text{bar}$
激励/Supply: $2\sim 30\text{VDC}$
满量程输出/Full Scale Output: $\geq 2\text{mV/V}$
工作温度/Working Temperature: $-40^{\circ}\text{C}\sim 135^{\circ}\text{C}$
温漂系数/Temperature Coefficient: $\pm 0.03\%\text{FS}/^{\circ}\text{C}$
精度/Accuracy: $\pm 0.5\%\text{FS}$
长期稳定性/Long-term Stability: $\pm 0.25\%$ (典型/Typical)
尺寸/Size: $\Phi 13.5\times 6.35\text{mm}$, $\Phi 13.5\times 3.5\text{mm}$



HP500M陶瓷压阻压力传感器模块/HP500M Ceramic Piezoresistive Pressure Sensor Module

量程范围/Pressure Range: $-1\text{bar}\sim 0\sim 0.5\text{bar}\sim 600\text{bar}$
压力类型/Pressure Type: 表压/Gauge, 绝压/Absolute, 密封表压/Sealed
供电/Supply: 24VDC
输出/Output: $4\sim 20\text{mADC}$, $0/1\sim 5\text{VDC}$, $0/1\sim 10\text{VDC}$ 等/etc
介质温度/Medium Temperature: $-40^{\circ}\text{C}\sim 135^{\circ}\text{C}$
精度/Accuracy: $\pm 0.5\%\text{FS}$ (典型/Typical)
膜片类型/Diaphragm Type: 平膜/Flat Diaphragm
尺寸/Size: $\Phi 18\text{mm}$



HP600M陶瓷压阻压力传感器模块/HP600M Ceramic Piezoresistive Pressure Sensor Module

量程范围/Pressure Range: $-1\text{bar}\sim 0\sim 2\text{bar}\sim 400\text{bar}$
压力类型/Pressure Type: 表压/Gauge
供电/Supply: 24VDC
输出/Output: $4\sim 20\text{mADC}$, $0/1\sim 5\text{VDC}$, $0/1\sim 10\text{VDC}$ 等/etc
介质温度/Medium Temperature: $-40^{\circ}\text{C}\sim 135^{\circ}\text{C}$
精度/Accuracy: $\pm 0.5\%\text{FS}$ (典型/Typical)
膜片类型/Diaphragm Type: 凹底/Cavity
尺寸/Size: $\Phi 18\times 6.35\text{mm}$



HCPS18陶瓷电容传感器/HCPS18 Ceramic Capacitive Pressure Sensor

量程范围/Pressure Range: $-100\text{kPa}\sim 0\sim 20\text{kPa}\sim 2\text{MPa}$
压力类型/Pressure Type: 表压/Gauge, 绝压/Absolute, 密封表压/Sealed
膜片材料/Diaphragm Material: 氧化铝陶瓷 Al_2O_3
供电/Supply: 5VDC
输出/Output: $0.5\sim 4.5\text{VDC}$ 比例电压/Ratiometric
介质温度/Medium Temperature: $-40^{\circ}\text{C}\sim 125^{\circ}\text{C}$
精度/Accuracy: $\pm 0.2\%\text{FS}$ (典型/Typical)
尺寸/Size: $\Phi 17.5\text{mm}$

性能指标 Performance



HCPS32陶瓷电容传感器/HCPS32 Ceramic Capacitive Pressure Sensor

量程范围/Pressure Range: -100kPa~0~2.5kPa~7MPa
压力类型/Pressure Type: 表压/Gauge, 绝压/Absolute, 密封表压/Sealed
膜片材料/Diaphragm Material: 99.9%超纯氧化铝(Al₂O₃)陶瓷
供电/Supply: 5VDC
输出/Output: 0.5~4.5VDC比例电压/Ratiometric
介质温度/Medium Temperature: -40°C~125°C
精度/Accuracy: ±0.2%FS(典型/Typical)
尺寸/Size: Φ32.4mm



HCPS18D陶瓷电容传感器/HCPS18D Ceramic Capacitive Pressure Sensor

量程范围/Pressure Range: -100kPa~0~10kPa~10MPa
压力类型/Pressure Type: 表压/Gauge, 绝压/Absolute, 密封表压/Sealed
膜片材料/Diaphragm Material: 99.9%超纯氧化铝(Al₂O₃)陶瓷
供电/Supply: 4.9~5.1VDC(模拟输出/Analog Output), 2.9~5.5VDC(数字输出/Digital Output)
输出/Output: 电压信号/U, SPI, UART
介质温度/Medium Temperature: -40°C~125°C
精度/Accuracy: ±0.2%FS(典型/Typical)
尺寸/Size: Φ17.5mm



HCPS32D陶瓷电容传感器/HCPS32D Ceramic Capacitive Pressure Sensor

量程范围/Pressure Range: -100kPa~0~10kPa~4MPa
压力类型/Pressure Type: 表压/Gauge, 绝压/Absolute, 密封表压/Sealed
膜片材料/Diaphragm Material: 99.9%超纯氧化铝(Al₂O₃)陶瓷
供电/Supply: 2.9~5.5VDC
输出/Output: 电压信号/U, SPI, UART
介质温度/Medium Temperature: -40°C~125°C
精度/Accuracy: ±0.2%FS(典型/Typical)
尺寸/Size: Φ32.4mm



HS-CPS+B单晶硅压力传感器套件/HS-CPS+B Monosilicon Pressure Module

量程 Range	kPa	最大工作压力 MWP
S1	-1 ~ 1	2MPa
S2	-6 ~ 6	3MPa
M1	-40 ~ 40	3MPa
M2	-100 ~ 100	10MPa
M3	-100 ~ 200	10MPa
M4	-100 ~ 400	10MPa
L1	-100 ~ 4000	10MPa
L2	-100 ~ 40000	60MPa

输出信号/Output Signal: (4~20)mADC+HART
供电电源/Supply Voltage: 10.5~45VDC
补偿温度/Compensation Temperature: -10~70°C
精度/Accuracy: ±0.075%FS
压力接口/Pressure Port: M20×1.5 (M), NPT1/2 (F), etc



HS-DPS+B+J单晶硅差压传感器套件/HS-DPS+B+J Monosilicon Differential Pressure Module

量程 Range	kPa	单边过压 Unilateral overpressure	双边静压 Bilateral static pressure
S1	-1 ~ 1	2MPa	10MPa
S2	-6 ~ 6	3MPa	25MPa
M1	-40 ~ 40	16MPa	40MPa
M2	-100 ~ 100	16MPa	40MPa
M3	-200 ~ 200	16MPa	40MPa
M4	-400 ~ 400	16MPa	40MPa
L1	-4000 ~ 4000	16MPa	40MPa

输出信号/Output Signal: (4~20)mADC+HART
供电电源/Supply Voltage: 10.5~45VDC
补偿温度/Compensation Temperature: -10~70°C
精度/Accuracy: ±0.075%FS
压力接口/Pressure Port: NPT1/4 (F), M20×1.5 (M), etc



HPM81/82单晶硅差压变送器/HPM81/82 Monosilicon Differential Pressure Transmitter

量程 Range	kPa	单边过压 Unilateral overpressure	双边静压 Bilateral static pressure
S1	-1 ~ 1	2MPa	10MPa
S2	-6 ~ 6	3MPa	25MPa
M1	-40 ~ 40	16MPa	40MPa
M2	-100 ~ 100	16MPa	40MPa
M3	-200 ~ 200	16MPa	40MPa
M4	-400 ~ 400	16MPa	40MPa
L1	-4000 ~ 4000	16MPa	40MPa

输出信号/Output Signal: (4~20)mADC+HART
供电电源/Supply Voltage: 10.5~45VDC
工作温度/Working Temperature: -40~125°C
精度/Accuracy: ±0.075%FS
压力接口/Pressure Port: NPT1/4 (F), M20×1.5 (M), etc
防爆等级/Explosion Proof: Ex db IIC T6 Gb; Ex ia II CT6 Ga;
Ex tb IIIC T80°C Db



HPM85单晶硅隔膜密封差压变送器/HPM85 Monosilicon Diaphragm Sealed Differential Pressure Transmitter

量程 Range	kPa	单边过压 Unilateral overpressure	双边静压 Bilateral static pressure
M1	-40 ~ 40	16MPa	40MPa
M2	-100 ~ 100	16MPa	40MPa
M3	-200 ~ 200	16MPa	40MPa
M4	-400 ~ 400	16MPa	40MPa
L1	-4000 ~ 4000	16MPa	40MPa

输出信号/Output Signal: (4~20)mADC+HART
供电电源/Supply Voltage: 10.5~45VDC
工作温度/Working Temperature: -40~125°C
精度/Accuracy: ±0.1%FS
压力接口/Pressure Port: 双法兰/Double Flange
防爆等级/Explosion Proof: Ex db IIC T6 Gb; Ex ia II CT6 Ga;
Ex tb IIIC T80°C Db



HPM86单晶硅压力变送器/HPM86 Monosilicon Pressure Transmitter

量程 Range	kPa	最大工作压力 MWP
S1	-1 ~ 1	2MPa
S2	-6 ~ 6	3MPa
M1	-40 ~ 40	3MPa
M2	-100 ~ 100	10MPa
M3	-100 ~ 200	10MPa
M4	-100 ~ 400	10MPa
L1	-100 ~ 4000	10MPa
L2	-100 ~ 40000	60MPa

输出信号/Output Signal: (4~20)mADC+HART
供电电源/Supply Voltage: 10.5~45V
工作温度/Working Temperature: -40~125°C
精度/Accuracy: ±0.075%FS
压力接口/Pressure Port: M20×1.5 (M), NPT1/2 (F), etc
防爆等级/Explosion Proof: Ex db IIC T6 Gb; Ex ia II CT6 Ga;
Ex tb IIIC T80°C Db



HPM87单晶硅法兰隔膜型压力变送器/HPM87 Monosilicon Flange Diaphragm Pressure Transmitter

量程 Range	kPa	过压 overpressure
M1	-40 ~ 40	3MPa
M2	-100 ~ 100	8MPa
M3	-100 ~ 200	8MPa
M4	-100 ~ 400	8MPa
L1	-100 ~ 4000	10MPa

输出信号/Output Signal: (4~20)mADC+HART
供电电源/Supply Voltage: 10.5~45VDC
工作温度/Working Temperature: -40~125°C
精度/Accuracy: ±0.1%FS
压力接口/Pressure Port: 法兰/Flange
安装方式/Mounting Type: 直装/Vertical Mount, 侧装/Side Mount
防爆等级/Explosion Proof: Ex db IIC T6 Gb; Ex ia II CT6 Ga;
Ex tb IIIC T80°C Db



HPM88陶瓷电容高精度压力变送器/HPM88 Ceramic Capacitive Pressure Transmitter

量程 Range	测量类型 Pressure Type	kPa	过压能力 MWP
G1	表压	0 ~ 10	400
G2	表压	0 ~ 20	600
G3	表压	0 ~ 40	600
G4	表压	0 ~ 100	1000
G5	表压	0 ~ 200	1800
G6	表压	0 ~ 400	2500
G7	表压	0 ~ 1000	4000
G8	表压	0 ~ 2000	4000
G9	表压	0 ~ 4000	6000
G0	表压	0 ~ 7000	10500

输出信号/Output Signal: (4~20)mADC+HART
供电电源/Supply Voltage: 10.5~45VDC
介质温度/Medium Temperature: -40~125°C
精度/Accuracy: ±0.1%FS
传感器类型/Sensor Type: 陶瓷电容/ Ceramic Capacitive
压力类型/Pressure Type: 表压/Gauge(可测负压)
绝压/Absolute
防爆等级/Explosion Proof: Ex db IIC T6 Gb; Ex tb IIIC T80°C Db

性能指标 Performance



HPM410投入式液位变送器/HPM410 Submersible Level Transmitter

量程范围/Pressure Range: 0~1~500mHzO
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~10VDC, RS485等/etc
介质温度/Medium Temperature: -40°C~80°C
补偿温度/Compensation Temperature: 0°C~70°C(典型/Typical), -10°C~80°C(可选/Optional)
温漂/Temperature Drift: $\leq \pm 1.0\%FS$ (参比/Reference 25°C)
精度/Accuracy: $\pm 0.5\%FS$ (典型/Typical), $\pm 0.2\%FS$ (可选/Optional)
材料/Material: 304, 316L或Ti



HPM410-S螺纹安装式液位变送器/HPM410-S Submersible Level Transmitter With Screw Thread

量程范围/Pressure Range: 0 ~ 1~500mHzO(液位/Level), 0~10kPa~60MPa(压力/Pressure)
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~10VDC, RS485等/etc
介质温度/Medium Temperature: -40°C~80°C
补偿温度/Compensation Temperature: 0°C~70°C(典型/Typical), -10°C~80°C(可选/Optional)
温漂/Temperature Drift: $\leq \pm 1.0\%FS$ (参比/Reference 25°C)
精度/Accuracy: $\pm 0.5\%FS$ (典型/Typical), $\pm 0.2\%FS$ (可选/Optional)
压力接口/Process Connection: M20×1.5, G1/2等/etc



HPM410-C防泥沙水草型液位变送器/HPM410-C Anti-sediment Submersible Level Transmitter

量程范围/Pressure Range: 0~1~500mHzO
供电/Supply: 24VDC
输出/Output: 4 ~ 20mADC, 0/1 ~ 10VDC, RS485等/etc
介质温度/Medium Temperature: -40°C~80°C
补偿温度/Compensation Temperature: 0°C~70°C(典型/Typical), -10°C~80°C(可选/Optional)
温漂/Temperature Drift: $\leq \pm 1.0\%FS$ (参比/Reference 25°C)
精度/Accuracy: $\pm 0.5\%FS$ (典型/Typical), $\pm 0.2\%FS$ (可选/Optional)
材料/Material: 304, 316L或Ti



HPM410-F法兰笼式液位变送器/HPM410-F Flange Cage Type Submersible Level Transmitter

量程范围/Pressure Range: 0 ~ 1~200mHzO
供电/Supply: 24VDC
输出/Output: 4 ~ 20mADC, 0/1~10VDC, RS485等/etc
介质温度/Medium Temperature: -20°C~85°C
补偿温度/Compensation Temperature: 0°C~70°C
温漂系数/Temperature Coefficient: $\pm 0.03\%FS/^{\circ}C$ (参比/Reference 25°C)
精度/Accuracy: $\pm 0.5\%FS$ (典型/Typical), $\pm 0.25\%FS$ (可选/Optional)
材料/Material: 304, 316L或Ti



HPM410-DP型大量程投入式液位变送器/HPM410-DP Large Range Submersible Level Transmitter

量程范围/Pressure Range: 0~200~2000mHzO
供电/Supply: 24VDC
输出/Output: 4~20mADC, RS485等/etc
介质温度/Medium Temperature: -40°C~80°C
补偿温度/Compensation Temperature: -10°C~70°C(0.5级/Level), -10°C~80°C(0.2级/Level)
温漂/Temperature Drift: $\leq \pm 1.5\%FS$ (0.5级/Level), $\leq \pm 1.0\%FS$ (0.2级/Level)
精度/Accuracy: $\pm 0.5\%FS$ (典型/Typical), $\pm 0.2\%FS$ (可选/Optional)
材料/Material: 304, 316L或Ti

性能指标 Performance



HPM4116超细液位变送器/HPM4116 Small Diameter Submersible Level Transmitter

量程范围/Pressure Range: 0~10~300mHzO
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1 ~ 10VDC等/etc
介质温度/Medium Temperature: -40°C~80°C
补偿温度/Compensation Temperature: 0°C~70°C(典型/Typical)
温漂/Temperature Drift: $\leq \pm 1.0\%FS$ (参比/Reference 35°C)
精度/Accuracy: $\pm 0.25\%FS$
外壳直径/Housing Diameter: $\Phi 16mm$



HPM4119小直径液位变送器/HPM4119 Small Diameter Submersible Level Transmitter

量程范围/Pressure Range: 0~1~350mHzO
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~10VDC等/etc
介质温度/Medium Temperature: -40°C~80°C
补偿温度/Compensation Temperature: 0°C~70°C(典型/Typical), -20°C~85°C(可选/Optional)
温漂/Temperature Drift: $\leq \pm 1.0\%FS$ (参比/Reference 35°C)
精度/Accuracy: $\pm 0.25\%FS$ (典型/Typical), $\pm 0.1\%FS$ (可选/Optional)
外壳直径/Housing Diameter: $\Phi 19mm$



HPM413陶瓷压阻型液位变送器/HPM413 Ceramic Piezoresistive Submersible Level Transmitter

量程范围/Pressure Range: 0~2~200mHzO
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, RS485等/etc
介质温度/Medium Temperature: -20°C~80°C
精度/Accuracy: $\pm 0.5\%FS$
外壳直径/Housing Diameter: $\Phi 22mm$
传感器类型/Sensor Type: 陶瓷压阻/Ceramic Piezoresistive
外壳材料/Housing Material: 316L或Ti



HPM418陶瓷电容型液位变送器/HPM418 Ceramic Capacitive Submersible Level Transmitter

量程范围/Pressure Range: 0~0.5~200mHzO
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, RS485等/etc
介质温度/Medium Temperature: -20°C~80°C
精度/Accuracy: $\pm 0.25\%FS$
外壳直径/Housing Diameter: $\Phi 22mm$
传感器类型/Sensor Type: 陶瓷电容/Ceramic Capacitive
外壳材料/Housing Material: 316L或Ti



HPM418DZ陶瓷电容型纯钛液位变送器/HPM418DZ Ceramic Capacitive Submersible Level Transmitter

量程范围/Pressure Range: 0.7~2bar~5bar(绝压/Absolute), 0 ~ 1~200mHzO(液位/Level)
供电/Supply: 24VDC
输出/Output: 4~20mADC
介质温度/Medium Temperature: -20°C~80°C
补偿温度/Compensation Temperature: -20°C~80°C
精度/Accuracy: $\pm 0.25\%FS$
传感器类型/Sensor Type: 陶瓷电容/Ceramic Capacitive
外壳材料/Housing Material: Ti

性能指标 Performance



HPM47W-RPN防腐型液位变送器/HPM47W-RPN Anticorrosive Submersible Level Transmitter
量程范围/Pressure Range: 0~2~200mHzO
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, RS485等/etc
工作温度/Working Temperature: -10°C~70°C
精度/Accuracy: ±0.5%FS
外壳直径/Housing Diameter: Φ44mm
传感器类型/Sensor Type: 陶瓷压阻/Ceramic Piezoresistive
材料/Material: PTFE, PVC, PP or PVDF(外壳/Housing) 陶瓷Al₂O₃96%(传感器/Sensor)
氟塑料/Fluoroplastics(电缆/Cable) 氟素橡胶/FKM or 全氟橡胶/FFKM(密封圈/Sealing Ring)



HPM47W-RPD防腐型液位变送器/HPM47W-RPD Anticorrosive Submersible Level Transmitter
量程范围/Pressure Range: 0~2~20mHzO
供电/Supply: 24VDC
输出/Output: 4~20mADC, RS485等/etc
介质温度/Medium Temperature: -10°C~70°C
精度/Accuracy: ±0.5%FS
探头直径/Probe Diameter: Φ44mm
传感器类型/Sensor Type: 陶瓷压阻/Ceramic Piezoresistive
材料/Material: PTFE, PVC, PP or PVDF(外壳/Housing) 陶瓷Al₂O₃96%(传感器/Sensor)
氟塑料/Fluoroplastics(电缆/Cable) 氟素橡胶/FKM or 全氟橡胶/FFKM(密封圈/Sealing Ring)



HPM47W-CPN防腐型液位变送器/HPM47W-CPN Anticorrosive Submersible Level Transmitter
量程范围/Pressure Range: 0~0.5~200mHzO
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, RS485等/etc
工作温度/Working Temperature: -10°C~70°C
精度/Accuracy: ±0.2%FS
外壳直径/Housing Diameter: Φ44mm
传感器类型/Sensor Type: 陶瓷电容/Ceramic Capacitive
材料/Material: PTFE, PVC, PP or PVDF(外壳/Housing) 99.9%超纯氧化铝Al₂O₃陶瓷(传感器/Sensor)
氟塑料/Fluoroplastics(电缆/Cable) 氟素橡胶/FKM or 全氟橡胶/FFKM(密封圈/Sealing Ring)



HPM47W-CPD防腐型液位变送器/HPM47W-CPD Anticorrosive Submersible Level Transmitter
量程范围/Pressure Range: 0~0.5~20mHzO
供电/Supply: 24VDC
输出/Output: 4~20mADC, RS485等/etc
介质温度/Medium Temperature: -10°C~70°C
精度/Accuracy: ±0.2%FS
探头直径/Probe Diameter: Φ44mm
传感器类型/Sensor Type: 陶瓷电容/Ceramic Capacitive
材料/Material: PTFE, PVC, PP or PVDF(外壳/Housing) 99.9%超纯氧化铝Al₂O₃陶瓷(传感器/Sensor)
氟塑料/Fluoroplastics(电缆/Cable) 氟素橡胶/FKM or 全氟橡胶/FFKM (密封圈/Sealing Ring)



HPM47W-CSN投入型压力变送器/HPM47W-CSN Submersible Level Transmitter
量程范围/Pressure Range: 0~0.5~400mHzO
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, RS485等/etc
工作温度/Working Temperature: -20°C~80°C
精度/Accuracy: ±0.25%
外壳直径/Housing Diameter: Φ39mm
传感器类型/Sensor Type: 陶瓷电容/Ceramic Capacitive
材料/Material: 316L or 钛合金/Ti(外壳/Housing) 99.9%超纯氧化铝Al₂O₃陶瓷(传感器/Sensor)
氟塑料/Fluoroplastics or 聚氨酯/PU(电缆/Cable) 氟素橡胶/FKM or 全氟橡胶/FFKM (密封圈/Sealing Ring)

性能指标 Performance



HPM410W本安型投入式压力变送器/HPM410W Intrinsic Safety Explosion-proof Submersible Level Transmitter
量程范围/Pressure Range: 0~1~350mHzO
供电/Supply: 24VDC
输出/Output: 4~20mADC
防爆标志/Explosion Proof Mark: Ex ia IIC T6 Ga
工作温度/working Temperature: -40°C~60°C
精度/Accuracy: ±0.5%FS(典型/Typical), ±0.2%FS(可选/Optional)
外壳直径/Housing Diameter: Φ26.5mm
材料/Material: 304, 316L或Ti



HPM420W分体式液位变送器/HPM420W Split-type Submersible Level Transmitter
量程范围/Pressure Range: 0~1~300mHzO
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~10VDC, RS485等/etc
介质温度/Medium Temperature: -40°C~80°C
精度/Accuracy: ±0.5%FS
探头直径/Probe Diameter: Φ27mm
固定方式/Mounting Type: M30×1.5, 法兰/Flange
探头材料/Probe Material: 304, 316L或Ti



HPM84防爆型投入式液位变送器/HPM84 Explosion-proof Submersible Level Transmitter
量程范围/Pressure Range: 0~1~300mHzO
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~10VDC, RS485等/etc
防爆标志/Explosion Proof Mark: Ex d IIC T4~T6 Gb
工作温度/working Temperature: -40°C~60°C
精度/Accuracy: ±0.5%FS
探头直径/Probe Diameter: Φ27mm
固定方式/Mounting Type: G1/2, 法兰/Flange



HPM420-T集气筒型耐高温投入式液位变送器/HPM420-T High Temperature Resistance Submersible Level Transmitter
量程范围/Pressure Range: 0~1~20mHzO
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~10VDC, RS485等/etc
介质温度/Medium Temperature: -40°C~200°C
精度/Accuracy: ±0.5%FS
探头直径/Probe Diameter: Φ27mm
固定方式/Mounting Type: G1, M30×1.5, 法兰/Flange
探头材料/Probe Material: 304 or 316L



HPM420-YG硬杆型投入式液位变送器/HPM420-YG Submersible Level Transmitter
量程范围/Pressure Range: 0~0.3~3mHzO
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~10VDC, RS485等/etc
介质温度/Medium Temperature: -40°C~85°C
精度/Accuracy: ±0.5%FS
探头直径/Probe Diameter: Φ26.5mm
固定方式/Mounting Type: G1, M30×1.5, 法兰/Flange
探头材料/Probe Material: 304 or 316L

性能指标 Performance



HPM710齐平膜型压力变送器/HPM710 Flat Diaphragm Pressure Transmitter
量程范围/Pressure Range: -100kPa~0~20kPa~40MPa(表压/Gauge), 0~35kPa~10MPa(绝压/Absolute)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, 0/1~10VDC等/etc
精度/Accuracy: $\pm 0.5\%$ FS
介质温度/Medium Temperature: -40~80°C, -40~140°C(可选/Optional), -40~180°C(可选/Optional)
电气连接/Electrical Connection: 赫斯曼/DIN43650, M12×1, 直接出线/Cable Outlet
压力接口/Process Connection: M20×1.5, G1/2, G1等/etc



HPM711齐平膜卫生型压力变送器/HPM711 Flat Diaphragm Hygienic Type Pressure Transmitter
量程范围/Pressure Range: -100kPa~0~20kPa~40MPa(表压/Gauge), 0~35kPa~10MPa(绝压/Absolute)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, 0/1~10VDC等/etc
精度/Accuracy: $\pm 0.5\%$ FS
介质温度/Medium Temperature: -40~100°C, -40~150°C(可选/Optional)
电气连接/Electrical Connection: 赫斯曼/DIN43650, M12×1, 直接出线/Cable Outlet
压力接口/Process Connection: G1/2, G1, G1卫生型/G1 Hygienic Type等/etc



HPM713陶瓷平膜型压力变送器/HPM713 Ceramic Flat Diaphragm Pressure Transmitter
量程范围/Pressure Range: -1~0~0.2~400bar(表压/Gauge), 0~0.2~400bar(绝压/Absolute)
传感器类型/Sensor Type: 陶瓷压阻/Ceramic Piezoresistive
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, 0/1~10VDC, RS485等/etc
精度/Accuracy: $\pm 0.5\%$ FS
介质温度/Medium Temperature: -40~120°C
电气连接/Electrical Connection: 赫斯曼/DIN43650, M12×1, 直接出线/Cable Outlet
压力接口/Process Connection: G3/4, G1等/etc



HPM718平膜型陶瓷电容压力变送器/HPM718 Flat Diaphragm Ceramic Capacitive Pressure Transmitter
量程范围/Pressure Range: -100kPa~0~2.5kPa~100bar(表压/Gauge), 0~2.5kPa~100bar(绝压/Absolute)
传感器类型/Sensor Type: 陶瓷电容/Ceramic Capacitive
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, 0/1~10VDC, RS485等/etc
精度/Accuracy: $\pm 0.25\%$ FS
介质温度/Medium Temperature: -40~100°C
电气连接/Electrical Connection: 赫斯曼/DIN43650, M12×1, 直接出线/Cable Outlet
压力接口/Process Connection: G1", G1 1/2" 等/etc



HPM718-H高温型平膜压力变送器/HPM718-H High Temperature Resistance Pressure Transmitter
量程范围/Pressure Range: -100kPa~0~2.5kPa~100bar(表压/Gauge), 0~2.5kPa~100bar(绝压/Absolute)
传感器类型/Sensor Type: 陶瓷电容/Ceramic Capacitive
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, 0/1~10VDC, RS485等/etc
精度/Accuracy: $\pm 0.25\%$ FS
介质温度/Medium Temperature: -40~140°C
电气连接/Electrical Connection: 赫斯曼/DIN43650, M12×1, 直接出线/Cable Outlet
压力接口/Process Connection: G1", G1 1/2" 等/etc

性能指标 Performance



HPM720卫生型压力变送器/HPM720 Hygienic Pressure Transmitter
量程范围/Pressure Range: -100kPa~0~10kPa~2.5MPa(表压/Gauge), 0~20kPa~2.5MPa(绝压/Absolute)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, 0/1~10VDC等/etc
精度/Accuracy: $\pm 0.5\%$ FS
介质温度/Medium Temperature: -40~80°C, -40~140°C(可选/Optional), -40~180°C(可选/Optional)
电气连接/Electrical Connection: 赫斯曼/DIN43650, M12×1, 直接出线/Cable Outlet
压力接口/Process Connection: 卡盘/Tri-clamp, DRD, SMS等/etc



HPM723陶瓷卡盘型压力变送器/HPM723 Tri-clamp Ceramic Pressure Transmitter
量程范围/Pressure Range: -1~0~0.2~20bar(表压/Gauge), 0~0.2~20bar(绝压/Absolute)
传感器类型/Sensor Type: 陶瓷压阻/Ceramic Piezoresistive
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, 0/1~10VDC, RS485等/etc
精度/Accuracy: $\pm 0.5\%$ FS
介质温度/Medium Temperature: -40~130°C
电气连接/Electrical Connection: 赫斯曼/DIN43650, M12×1, 直接出线/Cable Outlet
卡盘尺寸/Tri-clamp Size: $\Phi 50.5$, $\Phi 64$



HPM760卫生型压力变送器/HPM760 Hygienic Pressure Transmitter
量程范围/Pressure Range: -100kPa~0~10kPa~2.5MPa(表压/Gauge), 0~20kPa~2.5MPa(绝压/Absolute)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, 0/1~10VDC等/etc
精度/Accuracy: $\pm 0.5\%$ FS
介质温度/Medium Temperature: -40~80°C, -40~140°C(可选/Optional), -40~180°C(可选/Optional)
电气连接/Electrical Connection: M12×1
压力接口/Process Connection: 卡盘/Tri-Clamp, DRD, SMS等/etc



HPM768陶瓷电容压力变送器/HPM768 Ceramic Capacitive Pressure Transmitter
量程范围/Pressure Range: -100kPa~0~2.5kPa~4MPa(表压/Gauge), 0~10kPa~4MPa(绝压/Absolute)
传感器类型/Sensor Type: 陶瓷电容/Ceramic Capacitive
供电/Supply: 24VDC
输出/Output: 4~20mADC, 4~20mADC+HART
精度/Accuracy: $\pm 0.25\%$
介质温度/Medium Temperature: -40~125°C, -40~140°C(可选/Optional)
电气连接/Electrical Connection: 缆塞(壳体内带接线端子)/Cable Gland, M12×1
压力接口/Process Connection: 卡盘/Tri-Clamp, 法兰/Flange, DRD, SMS等/etc



HPM788陶瓷卫生型压力变送器/HPM788 Ceramic Hygienic Pressure Transmitter
量程范围/Pressure Range: -100kPa~0~2.5kPa~4MPa(表压/Gauge), 0~10kPa~4MPa(绝压/Absolute)
传感器类型/Sensor Type: 陶瓷电容/Ceramic Capacitive
供电/Supply: 24VDC
输出/Output: 4~20mADC, 4~20mADC+HART
精度/Accuracy: $\pm 0.25\%$ FS
介质温度/Medium Temperature: -40~125°C, -40~140°C(可选/Optional)
电气连接/Electrical Connection: 赫斯曼/Hirschmann, 直接出线/Cable Outlet
卡盘尺寸/Tri-clamp Size: $\Phi 50.5$, $\Phi 64$

性能指标 Performance



HPM126高稳型压力变送器/HPM126 High Stable Type Pressure Transmitter
量程范围/Pressure Range: -100kPa~0~2kPa~100MPa(表压/Gauge), 0~10kPa~10MPa(绝压/Absolute)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 24VDC
输出/Output: 4~20mADC
精度/Accuracy: $\pm 0.5\%FS$
介质温度/Medium Temperature: -40~125°C
电气连接/Electrical Connection: 缆塞/Cable Entry
压力接口/Process Connection: G1/2, M20×1.5等/etc



HPM128防爆型压力变送器/HPM128 Intrinsic Safety Explosion-proof Pressure Transmitter
量程范围/Pressure Range: -100kPa~0~10kPa~100MPa(表压/Gauge), 0~10kPa~10MPa(绝压/Absolute)
供电/Supply: 24VDC
输出/Output: 4~20mADC
防爆标志/Explosion Proof Mark: Ex ia IIC T6 Ga
精度/Accuracy: $\pm 0.5\%FS$
介质温度/Medium Temperature: -40~60°C
电气连接/Electrical Connection: 缆塞/Cable Entry
压力接口/Process Connection: G1/2, M20×1.5等/etc



HPM130精巧型压力变送器/HPM130 Compact Pressure Transmitter
量程范围/Pressure Range: -100kPa~0~10kPa~60MPa(表压/Gauge), 0~10kPa~10MPa(绝压/Absolute)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, 0/1~10VDC等/etc
精度/Accuracy: $\pm 0.5\%FS$
介质温度/Medium Temperature: -40~100°C
电气连接/Electrical Connection: 赫斯曼/DIN43650, 直接出线/Cable Outlet
压力接口/Process Connection: G1/4, NPT1/4等/etc



HPM1300微型压力变送器/HPM1300 Miniature Pressure Transmitter
量程范围/Pressure Range: 0~10kPa~40MPa(表压/Gauge), 0~20kPa~10MPa(绝压/Absolute)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, 0/1~10VDC, RS485等/etc
精度/Accuracy: $\pm 0.5\%FS$
介质温度/Medium Temperature: -40~85°C
电气连接/Electrical Connection: 直接出线/Cable Outlet, 赫斯曼/DIN43650, M12×1
压力接口/Process Connection: G1/4, NPT1/4等/etc



HPM1301微型压力变送器/HPM1301 Miniature Pressure Transmitter
量程范围/Pressure Range: 0~50kPa~40MPa(表压/Gauge), 0~50kPa~10MPa(绝压/Absolute)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, 0/1~10VDC, RS485等/etc
精度/Accuracy: $\pm 0.25\%FS$
介质温度/Medium Temperature: -40~85°C
电气连接/Electrical Connection: 直接出线/Cable Outlet
压力接口/Process Connection: G1/2, M20×1.5等/etc

性能指标 Performance



HPM131型压力变送器/HPM131 Pressure Transmitter
量程范围/Pressure Range: -100kPa~0~500Pa~100kPa(表压/Gauge)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, 0/1~10VDC等/etc
精度/Accuracy: $\pm 0.5\%FS$
介质温度/Medium Temperature: -40~100°C
电气连接/Electrical Connection: 直接出线/Cable Outlet
压力接口/Process Connection: G1/4, NPT1/4等/etc



HPM133经济型陶瓷压力变送器/HPM133 Economical Ceramic Pressure Transmitter
量程范围/Pressure Range: 0~1~50bar(表压/Gauge)
传感器类型/Sensor Type: 陶瓷压阻/Ceramic Piezoresistive
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, 0/1~10VDC等/etc
精度/Accuracy: $\pm 1.0\%FS$ (典型/Typical), $\pm 0.5\%FS$ (可选/Optional)
介质温度/Medium Temperature: -40~100°C
电气连接/Electrical Connection: 直接出线/Cable Outlet, 赫斯曼/DIN43650, 派克/Packard, 航插/Aviation Plug Connector
压力接口/Process Connection: G1/4, NPT1/4等/etc



HPM133P水泵专用压力变送器/HPM133P Water Pump Dedicated Pressure Transmitter
量程范围/Pressure Range: 0~1~50bar(表压/Gauge)
传感器类型/Sensor Type: 陶瓷压阻/Ceramic Piezoresistive
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, 0/1~10VDC等/etc
精度/Accuracy: $\pm 1.0\%FS$
介质温度/Medium Temperature: -40~100°C
电气连接/Electrical Connection: 直接出线/Cable Outlet
压力接口/Process Connection: G1/4, NPT1/4, R1/4等/etc



HPM135制冷专用压力变送器/HPM135 Refrigeration Specific Pressure Transmitter
量程范围/Pressure Range: 0~1~50bar(表压/Gauge)
传感器类型/Sensor Type: 陶瓷压阻/Ceramic Piezoresistive
供电/Supply: 24VDC, 5VDC
输出/Output: 4~20mADC, 0/1~10VDC, 0.5~4.5VDC等/etc
精度/Accuracy: $\pm 0.5\%FS$
介质温度/Medium Temperature: -35~120°C
电气连接/Electrical Connection: 派克/Packard, 赫斯曼/DIN43650
压力接口/Process Connection: 7/16-20UNF内螺纹/Female, 带顶针; 7/16-20UNF外螺纹/Male; G1/4外螺纹/Male



HPM135B制冷专用压力变送器/HPM135B Refrigeration Specific Pressure Transmitter
量程范围/Pressure Range: 0~1~50bar(表压/Gauge)
传感器类型/Sensor Type: 陶瓷电容/Ceramic Capacitive
供电/Supply: 5VDC
输出/Output: 0.5~4.5V比例电压/Ratiometric
精度/Accuracy: $\pm 1.0\%FS$
介质温度/Medium Temperature: -35~110°C
电气连接/Electrical Connection: 派克/Packard, 直接出线/Cable Outlet
压力接口/Process Connection: 7/16-20UNF内螺纹/Female, 带顶针; 7/16-20UNF外螺纹/Male; G1/4外螺纹/Male

性能指标 Performance



HPM180通用型压力变送器/HPM180 General Pressure Transmitter

量程范围/Pressure Range: -100kPa~0~2kPa~100MPa(表压/Gauge), 0~10kPa~10MPa(绝压/Absolute)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, 0/1~10VDC等/etc
精度/Accuracy: $\pm 0.5\%$ FS(标准精度/Standard), $\pm 0.2\%$ FS(提高精度/Improved), $\pm 0.1\%$ FS(特优精度/Premium)
介质温度/Medium Temperature: -40~125°C
电气连接/Electrical Connection: 赫斯曼/DIN43650, M12×1, 直接出线/Cable Outlet
压力接口/Process Connection: G1/2, M20×1.5等/etc



HPM180本安型压力变送器/HPM180 Intrinsic Safety Explosion-proof Pressure Transmitter

量程范围/Pressure Range: -100kPa~0~2kPa~100MPa(表压/Gauge), 0~10kPa~10MPa(绝压/Absolute)
供电/Supply: 24VDC
输出/Output: 4~20mADC
防爆标志/Explosion-proof Mark: Ex ia IIC T6 Ga
工作温度/working Temperature: -40°C~60°C
精度/Accuracy: $\pm 0.5\%$ FS(标准精度/Standard), $\pm 0.2\%$ FS(提高精度/Improved), $\pm 0.1\%$ FS(特优精度/Premium)
电气连接/Electrical Connection: 赫斯曼/DIN43650, M12×1, 直接出线/Cable Outlet
压力接口/Process Connection: G1/2, M20×1.5等/etc



HPM1800经济型压力变送器/HPM1800 Economical Pressure Transmitter

量程范围/Pressure Range: -100kPa~0~10kPa~60MPa(表压/Gauge), 0~20kPa~10MPa(绝压/Absolute)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, 0/1~10V等/etc
精度/Accuracy: $\pm 0.5\%$ FS(标准精度/Standard), $\pm 0.2\%$ FS(提高精度/Improved)
介质温度/Medium Temperature: -40~100°C
电气连接/Electrical Connection: 赫斯曼/DIN43650, 直接出线/Cable Outlet
压力接口/Process Connection: G1/2, M20×1.5等/etc



HPM1801防水型压力变送器/HPM1801 Waterproof Pressure Transmitter

量程范围/Pressure Range: -100kPa~0~2kPa~60MPa(表压/Gauge), 0~10kPa~10MPa(绝压/Absolute)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, 0/1~10VDC, RS485等/etc
精度/Accuracy: $\pm 0.5\%$ FS(标准精度/Standard), $\pm 0.2\%$ FS(提高精度/Improved)
介质温度/Medium Temperature: -40~80°C
电气连接/Electrical Connection: 直接出线/Cable Outlet
压力接口/Process Connection: G1/2, M20×1.5等/etc



HPM181高精度压力变送器/HPM181 High-precision Pressure Transmitter

量程范围/Pressure Range: -100kPa~0~10kPa~100MPa(表压/Gauge), 0~10kPa~2MPa(绝压/Absolute)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, 0/1~10VDC等/etc
精度/Accuracy: $\pm 0.075\%$ FS(标准精度/Standard), $\pm 0.05\%$ FS(提高精度/Improved)
介质温度/Medium Temperature: -30~120°C
电气连接/Electrical Connection: 赫斯曼/DIN43650, 直接出线/Cable Outlet等/etc
压力接口/Process Connection: G1/4, G1/2, M20×1.5等/etc

性能指标 Performance



HPM185智能型压力变送器/HPM185 Intelligent Pressure Transmitter

量程范围/Pressure Range: -100kPa~0~2kPa~100MPa(表压/Gauge), 0~10kPa~10MPa(绝压/Absolute)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 24VDC
输出/Output: RS485, 4~20mADC+HART
精度/Accuracy: $\pm 0.5\%$ FS(标准精度/Standard), $\pm 0.2\%$ FS(提高精度/Improved)
介质温度/Medium Temperature: -40~125°C
电气连接/Electrical Connection: 赫斯曼/DIN43650, M12×1, 直接出线/Cable Outlet
压力接口/Process Connection: G1/2, M20×1.5等/etc



HPM17-RN防腐压力变送器/HPM17-RN Anti-corrosion Pressure Transmitter

量程范围/Pressure Range: -1~0~1~20bar(表压/Gauge), 0~1~20bar(绝压/Absolute)
传感器类型/Sensor Type: 陶瓷压阻/Ceramic Piezoresistive
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, 0/1~10VDC, RS485等/etc
精度/Accuracy: $\pm 0.5\%$ FS(标准精度/Standard), $\pm 0.25\%$ FS(提高精度/Improved)
介质温度/Medium Temperature: -10~85°C
电气连接/Electrical Connection: 赫斯曼/DIN43650, 直接出线/Cable Outlet
压力接口/Process Connection: G1/2, M20×1.5等/etc



HPM17-RH防腐压力变送器/HPM17-RH Anti-corrosion Pressure Transmitter

量程范围/Pressure Range: -1~0~0.2~20bar(表压/Gauge), 0~0.2~20bar(绝压/Absolute)
传感器类型/Sensor Type: 陶瓷压阻/Ceramic Piezoresistive
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, 0/1~10VDC, RS485等/etc
精度/Accuracy: $\pm 0.5\%$ FS(标准精度/Standard), $\pm 0.25\%$ FS(提高精度/Improved)
介质温度/Medium Temperature: -10~85°C
电气连接/Electrical Connection: 赫斯曼/DIN43650
压力接口/Process Connection: G1/2, M20×1.5等/etc



HPM188防爆型压力变送器/HPM188 Explosion-proof Pressure Transmitter

量程范围/Pressure Range: -100kPa~0~10kPa~100MPa(表压/Gauge), 0~10kPa~10MPa(绝压/Absolute)
防爆标志/Explosion-proof Mark: Ex db IIC T6 Gb
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, 0/1~10V等/etc
精度/Accuracy: $\pm 0.5\%$ FS(标准精度/Standard), $\pm 0.2\%$ FS(提高精度/Improved)
工作温度/Working Temperature: -40~60°C
电气连接/Electrical Connection: 直接出线/Cable Outlet
压力接口/Process Connection: M20×1.5, 卡盘/Tri-clamp等/etc



HPM189高温型压力变送器/HPM189 High Temperature Resistance Pressure Transmitter

量程范围/Pressure Range: -100kPa~0~2kPa~100MPa(表压/Gauge), 0~10kPa~10MPa(绝压/Absolute)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, 0/1~10VDC等/etc
精度/Accuracy: $\pm 0.5\%$ FS(标准精度/Standard), $\pm 0.2\%$ FS(提高精度/Improved)
介质温度/Medium Temperature: -40~140°C, -40~200°C(可选/Optional), -40~350°C(可选/Optional)
电气连接/Electrical Connection: 赫斯曼/DIN43650, 直接出线/Cable Outlet
压力接口/Process Connection: G1/2, M20×1.5等/etc

性能指标 Performance



HPM18V电容式真空计/HPM18V Capacitive Vacuum Gauge

量程范围/Pressure Range: 0~200Pa~100kPa(绝压/Absolute)
传感器类型/Sensor Type: 电容薄膜/Capacitance Diaphragm
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, 0/1~10VDC, RS485等/etc
精度/Accuracy: $\pm 0.1\%FS(20kPa, 100kPa)$, $\pm 0.25\%FS(2kPa, 5kPa, 10kPa)$, $\pm 0.5\%FS(500Pa, 1kPa)$, $\pm 1.5\%FS(200Pa)$
介质温度/Medium Temperature: -40~125°C
电气连接/Electrical Connection: 直接出线/Cable Outlet, 赫斯曼/DIN43650, M12×1
压力接口/Process Connection: ISO-KF, Tube, VCR等/etc



HPM10V压阻式真空计/HPM10V Piezoresistive Vacuum Gauge

量程范围/Pressure Range: 0~10kPa~200kPa(绝压/Absolute)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, 0/1~10VDC, RS485等/etc
精度/Accuracy: $\pm 0.25\%FS$ (典型精度) $\pm 0.1\%FS$ (提高精度) *仅限量程 $P \geq 35kPa$
介质温度/Medium Temperature: -40~100°C
电气连接/Electrical Connection: 直接出线/Cable Outlet, 赫斯曼/DIN43650, M12×1
压力接口/Process Connection: ISO-KF, Tube, VCR等/etc



HPM1500溅射薄膜型压力变送器/HPM1500 Sputtering Film Pressure Transmitter

量程范围/Pressure Range: 0~1~200MPa(表压/Gauge)
传感器类型/Sensor Type: 溅射薄膜/Sputtering Film
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, 0/1~10VDC等/etc
精度/Accuracy: $\pm 0.5\%FS$
介质温度/Medium Temperature: -40~125°C
电气连接/Electrical Connection: M12×1, 赫斯曼/DIN43650, 直接出线/Cable Outlet
压力接口/Process Connection: G1/4, G1/2等/etc



HPM1510微熔型压力变送器/HPM1510 Micro Molten Pressure Transmitter

量程范围/Pressure Range: 0~3.5~1000bar(表压/Gauge)
传感器类型/Sensor Type: 微熔/Micro Molten
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, 0/1~10VDC等/etc
精度/Accuracy: $\pm 0.25\%FS$
介质温度/Medium Temperature: -40~125°C
电气连接/Electrical Connection: M12×1, 赫斯曼/DIN43650, 直接出线/Cable Outlet, 派克/Packard
压力接口/Process Connection: G1/4, G1/2等/etc



HPM129A高温熔体压力变送器/HPM129A High-temperature Melt Pressure Transmitter

量程范围/Pressure Range: 0~3.5MPa~150MPa
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0~10VDC等/etc
精度/Accuracy: $\pm 1.0\%FS$ (典型/Typical), $\pm 0.5\%FS$ (可选/Optional)
介质温度/Medium Temperature: 最高/Max 400°C
电气连接/Electrical Connection: 航插/Aviation Plug Connector
压力接口/Process Connection: 1/2"-20UNF, M14×1.5, M18×1.5等/etc
材料/Material: 17-4PH或15-5PH

性能指标 Performance



HPM1600高温型压力变送器/HPM1600 High Temperature Resistance Pressure Transmitter

量程范围/Pressure Range: -100kPa~0~4kPa~260MPa(表压/Gauge), 0~10kPa~60MPa(绝压/Absolute)
传感器类型/Sensor Type: 蓝宝石/Sapphire
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, 0/1~10VDC等/etc
精度/Accuracy: $\pm 0.1\%FS$
介质温度/Medium Temperature: -65~150°C
电气连接/Electrical Connection: 赫斯曼/DIN43650, 直接出线/Cable Outlet, M12×1
压力接口/Process Connection: M20×1.5



HPM1610油田泥浆专用压力变送器/HPM1610 Oilfield And Mud Dedicated Pressure Transmitter

量程范围/Pressure Range: 0~20MPa~80MPa(表压/Gauge)
传感器类型/Sensor Type: 蓝宝石/Sapphire
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, 0/1~10VDC等/etc
精度/Accuracy: $\pm 0.2\%FS$
介质温度/Medium Temperature: -50~150°C
电气连接/Electrical Connection: 赫斯曼/DIN43650, 直接出线/Cable Outlet, M12×1
压力接口/Process Connection: M20×1.5



HPM1660平膜高温型压力变送器/HPM1660 Flat Diaphragm And High-temperature Resistant Pressure Transmitter

量程范围/Pressure Range: 0~0.2MPa~10MPa(表压/Gauge)
传感器类型/Sensor Type: 蓝宝石/Sapphire
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, 0/1~10VDC等/etc
精度/Accuracy: $\pm 0.2\%FS$
介质温度/Medium Temperature: -40~200°C
电气连接/Electrical Connection: 赫斯曼/DIN43650, 直接出线/Cable Outlet, M12×1
压力接口/Process Connection: M27×2



HPM1680井下专用压力变送器/HPM1680 Downhole Dedicated Pressure Transmitter

量程范围/Pressure Range: 0~0.7MPa~70MPa(表压/Gauge, 绝压/Absolute)
传感器类型/Sensor Type: 蓝宝石/Sapphire或硅压阻/Silicon Piezoresistive
供电/Supply: 24VDC
输出/Output: 4~20mADC
精度/Accuracy: $\pm 0.5\%FS$
介质温度/Medium Temperature: -40~80°C
电气连接/Electrical Connection: 钢丝绳直接出线/Steel Wire Cable Outlet
压力接口/Process Connection: 液态引孔/Guide Hole



HPM1900高压型压力变送器/HPM1900 High-pressure Type Pressure Transmitter

量程范围/Pressure Range: 0~40~600MPa
传感器类型/Sensor Type: 金属应变/Metal Strain
供电/Supply: 24VDC
输出/Output: 4~20mADC
精度/Accuracy: $\pm 0.5\%FS$
介质温度/Medium Temperature: -10~85°C
电气连接/Electrical Connection: 赫斯曼/DIN43650, 直接出线/Cable Outlet, 航插/Aviation Plug Connector
压力接口/Process Connection: M20×1.5等/etc

性能指标 Performance



HPM231型压力变送器/HPM231 Pressure Transmitter

量程范围/Pressure Range: -100kPa~0~200Pa~100kPa(表压/Gauge)
测量介质/Measured Medium: 干燥和洁净气体/Dry And Clean Gas
供电/Supply: 24VDC
输出/Output: 4~20mADC
精度/Accuracy: $\pm 0.5\%FS(\geq 1kPa)$, $\pm 1.0\%FS(< 1kPa)$
介质温度/Medium Temperature: -40~85℃
电气连接/Electrical Connection: 直接出线/Cable Outlet
压力接口/Process Connection: 气管连接/Air Tube



HPM240智能数显压力变送器/HPM240 Pressure Transmitter With Intelligent Digital Display

量程范围/Pressure Range: -100kPa~0~1kPa~100MPa(表压/Gauge), 0~20kPa~10MPa(绝压/Absolute)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 24VDC
输出/Output: 4~20mADC等/etc
精度/Accuracy: $\pm 0.5\%FS$ (典型/Typical), $\pm 0.2\%FS$ (可选/Optional)
工作温度/Working Temperature: -30~85℃
电气连接/Electrical Connection: M20×1.5缆塞(壳体内带接线端子)/M20×1.5 Cable Entry
压力接口/Process Connection: M20×1.5, G1/2等/etc



HPM260型压力变送器/HPM260 Pressure Transmitter

量程范围/Pressure Range: -100kPa~0~1kPa~100MPa(表压/Gauge), 0~20kPa~10MPa(绝压/Absolute)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 24VDC
输出/Output: 4~20mADC等/etc
精度/Accuracy: $\pm 0.5\%FS$ (典型/Typical), $\pm 0.2\%FS$ (可选/Optional)
工作温度/Working Temperature: -30~85℃
电气连接/Electrical Connection: M12×1
压力接口/Process Connection: M20×1.5, G1/2等/etc



HPM261型压力变送器/HPM261 Pressure Transmitter

量程范围/Pressure Range: -100kPa~0~1kPa~100MPa(表压/Gauge), 0~20kPa~10MPa(绝压/Absolute)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 24VDC
输出/Output: 4~20mADC等/etc
精度/Accuracy: $\pm 0.5\%FS$ (典型/Typical), $\pm 0.2\%FS$ (可选/Optional)
工作温度/Working Temperature: -30~85℃
电气连接/Electrical Connection: 缆塞(壳体内带接线端子)/Cable Entry
压力接口/Process Connection: M20×1.5, G1/2等/etc



HPM280防护型压力变送器/HPM280 Protective Pressure Transmitter

量程范围/Pressure Range: -100kPa~0~1kPa~100MPa(表压/Gauge), 0~20kPa~10MPa(绝压/Absolute)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 24VDC
输出/Output: 4~20mADC等/etc
精度/Accuracy: $\pm 0.5\%FS$ (典型/Typical), $\pm 0.2\%FS$ (可选/Optional)
工作温度/Working Temperature: -30~85℃
电气连接/Electrical Connection: 缆塞(壳体内带接线端子)/Cable Entry
压力接口/Process Connection: M20×1.5, G1/2等/etc



HPM285智能型压力变送器/HPM285 Intelligent Pressure Transmitter

量程范围/Pressure Range: -100kPa~0~1kPa~100MPa(表压/Gauge), 0~20kPa~10MPa(绝压/Absolute)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 24VDC
输出/Output: RS485, 4~20mADC+HART
精度/Accuracy: $\pm 0.5\%FS$ (典型/Typical), $\pm 0.2\%FS$ (可选/Optional)
工作温度/Working Temperature: -30~85℃
电气连接/Electrical Connection: 缆塞(壳体内带接线端子)/Cable Entry
压力接口/Process Connection: M20×1.5, G1/2等/etc



HPM288隔爆型压力变送器/HPM288 Explosion-proof Pressure Transmitter

量程范围/Pressure Range: -100kPa~0~1kPa~100MPa(表压/Gauge), 0~20kPa~10MPa(绝压/Absolute)
防爆标志/Explosion Proof Mark: Ex db IIC T6 Gb; Ex tb IIIC T80℃ Db
供电/Supply: 24VDC
输出/Output: 4~20mADC等/etc
精度/Accuracy: $\pm 0.5\%FS$ (典型/Typical), $\pm 0.2\%FS$ (可选/Optional)
工作温度/Working Temperature: -40~60℃
电气连接/Electrical Connection: 缆塞(壳体内带接线端子)/Cable Entry
压力接口/Process Connection: 螺纹、卡盘或法兰/Screw Thread, Tri-clamp or Flange



HPM289高温防护型压力变送器/HPM289 High Temperature Resistance Pressure Transmitter

量程范围/Pressure Range: -100kPa~0~1kPa~100MPa(表压/Gauge), 0~20kPa~10MPa(绝压/Absolute)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 24VDC
输出/Output: 4~20mADC等/etc
精度/Accuracy: $\pm 0.5\%FS$ (典型/Typical), $\pm 0.2\%FS$ (可选/Optional)
介质温度/Medium Temperature: -40~140℃, -40~200℃(可选/Optional)
电气连接/Electrical Connection: 缆塞(壳体内带接线端子)/Cable Entry
压力接口/Process Connection: M20×1.5, G1/2等/etc



HPM27防腐型压力变送器/HPM27 Anti-corrosion Pressure Transmitter

量程范围/Pressure Range: -1~0~0.2~20bar(表压/Gauge), 0~0.2~20bar(绝压/Absolute)
传感器类型/Sensor Type: 陶瓷压阻/Ceramic Piezoresistive
供电/Supply: 24VDC
输出/Output: 4~20mADC等/etc
精度/Accuracy: $\pm 0.5\%FS$ (标准精度/Standard), $\pm 0.25\%FS$ (提高精度/Improved)
工作温度/Working Temperature: -30~85℃
电气连接/Electrical Connection: 缆塞(壳体内带接线端子)/Cable Entry
压力接口/Process Connection: M20×1.5, G1/2等/etc



HPM20F法兰隔膜型压力变送器/HPM20F Flange Diaphragm Pressure Transmitter

量程范围/Pressure Range: 0~20kPa~10MPa
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 24VDC
输出/Output: 4~20mADC等/etc
精度/Accuracy: $\pm 0.5\%FS$
工作温度/Working Temperature: -30~85℃
电气连接/Electrical Connection: 缆塞(壳体内带接线端子)/Cable Entry
压力接口/Process Connection: 法兰/Flange

性能指标 Performance



HPM560/HPM560J智能压力开关/HPM560/HPM560J Intelligent Pressure Switch

量程范围/Pressure Range: -100kPa~0~1kPa~100MPa(表压/Gauge), 0~10kPa~10MPa(绝压/Absolute)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 24VDC
输出/Output: 4~20mADC, 2路继电器/Two Way Relay, 2路NPN/PNP/Two Way NPN/PNP
精度/Accuracy: $\pm 0.5\%FS$
开关动作点/Switch Action Point: 可设置/Settable
电气连接/Electrical Connection: M12×1, 赫斯曼/DIN43650, 航插/Aviation Plug Connector
压力接口/Process Connection: 螺纹或卡盘等/Screw Thread or Tri-Clamp etc



HPM5623/HPM5623J型智能型陶瓷压力开关/HPM5623/HPM5623J Intelligent Ceramic Pressure Switch

量程范围/Pressure Range: -1~0~0.2~20bar(表压/Gauge), 0~0.2~20bar(绝压/Absolute)
传感器类型/Sensor Type: 陶瓷压阻/Ceramic Piezoresistive
供电/Supply: 24VDC
输出/Output: 4~20mADC, 2路继电器/Two Way Relay, 2路NPN/PNP/Two Way NPN/PNP
精度/Accuracy: $\pm 0.5\%FS$
开关动作点/Switch Action Point: 可设置/Settable
电气连接/Electrical Connection: M12×1, 赫斯曼/DIN43650, 航插/Aviation Plug Connector
压力接口/Process Connection: 卡盘/Tri-Clamp



HPM530/HPM530J差压型压力开关/HPM530/HPM530J Differential Pressure Switch

量程范围/Pressure Range: -100kPa~0~10kPa~3.5MPa
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 24VDC
输出/Output: 4~20mADC, 2路继电器/Two Way Relay, 2路NPN/PNP/Two Way NPN/PNP
精度/Accuracy: $\pm 0.5\%FS$
开关动作点/Switch Action Point: 可设置/Settable
电气连接/Electrical Connection: M12×1, 赫斯曼/DIN43650, 航插/Aviation Plug Connector
压力接口/Process Connection: M20×1.5, G1/2等/etc



HPM5601智能压力开关/HPM5601 Intelligent Pressure Switch

量程范围/Pressure Range: -100kPa~0~1kPa~100MPa(表压/Gauge), 0~10kPa~10MPa(绝压/Absolute)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 24VDC
输出/Output: 4~20mADC, 2×PNP
精度/Accuracy: $\pm 0.5\%FS$
开关动作点/Switch Action Point: 可设置/Settable
电气连接/Electrical Connection: M12×1, 赫斯曼/DIN43650
压力接口/Process Connection: 螺纹或卡盘等/Screw Thread or Tri-Clamp etc



HPM5100型压力开关/HPM5100 Pressure Switch

量程范围/Pressure Range: -100kPa~0~1kPa~100MPa(表压/Gauge), 0~10kPa~10MPa(绝压/Absolute)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 24VDC
输出/Output: 4~20mADC, 1路继电器/One Way Relay, 2路NPN/PNP/Two Way NPN/PNP
精度/Accuracy: $\pm 0.5\%FS$
开关动作点/Switch Action Point: 可设置/Settable
电气连接/Electrical Connection: M12×1 5P
压力接口/Process Connection: 螺纹或卡盘等/Screw Thread or Tri-Clamp etc

性能指标 Performance



HPM510/510J小型不锈钢压力开关/HPM510/510J Compact Stainless Steel Pressure Switch

量程范围/Pressure Range: -100kPa~0~1kPa~100MPa(表压/Gauge), 0~10kPa~10MPa(绝压/Absolute)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 24VDC
输出/Output: 1路继电器或2路NPN/PNP/One Way Relay or Two Way NPN/PNP
精度/Accuracy: $\pm 0.5\%FS$
工作温度/Working Temperature: -40~80℃
电气连接/Electrical Connection: 直接出线/Cable Outlet, 赫斯曼/DIN43650, M12×1
压力接口/Process Connection: M20×1.5, G1/2等/etc



HPM520型智能压力开关/HPM520 Intelligent Pressure Switch

量程范围/Pressure Range: -100kPa~0~1kPa~100MPa(表压/Gauge), 0~10kPa~10MPa(绝压/Absolute)
表盘大小/Dial Size: $\Phi 100$
供电/Supply: 24VDC, 220VAC
输出/Output: 4~20mADC+2路继电器/Two Way Relay
精度/Accuracy: $\pm 0.5\%FS$
开关动作点/Switch Action Point: 可设置/Settable
电气连接/Electrical Connection: 直接出线/Cable Outlet
压力接口/Process Connection: 螺纹或卡盘等/Screw Thread or Tri-clamp etc



HPM288隔爆型压力开关/HPM288 Explosion-proof Pressure Switch

量程范围/Pressure Range: -100kPa~0~1kPa~100MPa(表压/Gauge), 0~10kPa~10MPa(绝压/Absolute)
防爆标志/Explosion-proof Mark: Ex d IIC T6 Gb
供电/Supply: 24VDC
输出/Output: 4~20mADC+2路继电器/Two Way Relay
精度/Accuracy: $\pm 0.5\%FS$
开关动作点/Switch Action Point: 可设置/Settable
电气连接/Electrical Connection: 缆塞(壳体内带接线端子)/Cable Entry
压力接口/Process Connection: 螺纹、卡盘或法兰/Screw Thread, Tri-Clamp or Flange



HPM5010智能压力控制器/HPM5010 Intelligent Pressure Controller

量程范围/Pressure Range: -100kPa~0~1kPa~100MPa(表压/Gauge), 0~10kPa~10MPa(绝压/Absolute)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 24VDC
输出/Output: 2×PNP+4~20mADC+RS485 或者/or 2×PNP+0~5/10VDC+RS485
精度/Accuracy: $\pm 0.5\%FS$
开关动作点/Switch Action Point: 可设置/Settable
电气连接/Electrical Connection: M12×1
压力接口/Process Connection: M20×1.5, G1/2等/etc



HPM501精巧型不锈钢压力开关/HPM501 Compact Stainless Steel Pressure Switch

量程范围/Pressure Range: -100kPa~0~10kPa~60MPa(表压/Gauge), 0~10kPa~10MPa(绝压/Absolute)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 24VDC
输出/Output: 2路PNP / Two Way PNP
精度/Accuracy: $\pm 0.25\%FS$
工作温度/Working Temperature: -40~80℃
电气连接/Electrical Connection: M12×1
压力接口/Process Connection: M20×1.5, G1/2等/etc

性能指标 Performance



HPM9141微型高频压力传感器/HPM9141 Miniature High-frequency Pressure Sensor
量程范围/Pressure Range: 0~10kPa~2.5MPa(表压/Gauge)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 12~24VDC或±12~15VDC
输出/Output: 0~5VDC, 0~10VDC, 1~5VDC等/etc
精度/Accuracy: ±0.5%FS(典型/Typical), ±0.25%FS(可选/Optional)
膜片固有频率/Natural Frequency of Sensor: 125~300kHz
带宽/Bandwidth: 0~1/5固有频率/Natural Frequency(带放大电路/Amplifier Only)
工作温度/Working Temperature: -40~85℃
电气连接/Electrical Connection: 直接出线/Cable Outlet, 航空插头/Aviation Plug Connector
尺寸/Size: Φ4mm



HPM9161微型高频压力传感器/HPM9161 Miniature High-frequency Pressure Sensor
量程范围/Pressure Range: 0~2kPa~2.5MPa(表压/Gauge)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 12~24VDC或±12~15VDC
输出/Output: 0~5V, 0~10V, 1~5V等/etc
精度/Accuracy: ±0.5%FS(典型/Typical), ±0.25%FS(可选/Optional)
膜片固有频率/Natural Frequency of Sensor: 125~300kHz
带宽/Bandwidth: 0~1/5固有频率/Natural Frequency(带放大电路/Amplifier Only)
工作温度/Working Temperature: -40~85℃
电气连接/Electrical Connection: 直接出线/Cable Outlet, 航空插头/Aviation Plug Connector
尺寸/Size: Φ6mm



HPM9162微型高频压力传感器/HPM9162 Miniature High-frequency Pressure Sensor
量程范围/Pressure Range: 0~10kPa~2.5MPa(表压/Gauge)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 12~24VDC或±12~15VDC
输出/Output: 0~5VDC, 0~10VDC, 1~5V等/etc
精度/Accuracy: ±0.5%FS(典型/Typical), ±0.25%FS(可选/Optional)
膜片固有频率/Natural Frequency of Sensor: 125~300kHz
带宽/Bandwidth: 0~1/5固有频率/Natural Frequency(带放大电路/Amplifier Only)
工作温度/Working Temperature: -40~85℃
电气连接/Electrical Connection: 直接出线/Cable Outlet, 航空插头/Aviation Plug Connector
压力接口/Process Connection: M6×1



HPM9183T微型高频压力传感器/HPM9183T Miniature High-frequency Pressure Sensor
量程范围/Pressure Range: 0~2.5MPa~30MPa(表压/Gauge)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 12~24VDC或±12~15VDC
输出/Output: 0~5V, 0~10V, 1~5V等/etc
精度/Accuracy: ±0.5%FS(典型/Typical), ±0.25%FS(可选/Optional)
膜片固有频率/Natural Frequency of Sensor: 260~580kHz
带宽/Bandwidth: 0~1/5固有频率/Natural Frequency(带放大电路/Amplifier Only)
工作温度/Working Temperature: -40~85℃
电气连接/Electrical Connection: 直接出线/Cable Outlet, 航空插头/Aviation Plug Connector
压力接口/Process Connection: M8×1



HPM9220土压力高频压力传感器/HPM9220 Earth Pressure High Frequency Pressure Sensor
量程范围/Pressure Range: 0~200kPa~30MPa(表压/Gauge)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 12~24VDC或±12~15VDC
输出/Output: 0~5V, 0~10V, 1~5V等/etc
精度/Accuracy: ±0.5%FS(典型/Typical), ±0.25%FS(可选/Optional)
膜片固有频率/Natural Frequency of Sensor: 290~680kHz
带宽/Bandwidth: 0~1/3固有频率/Natural Frequency(带放大电路/Amplifier Only)
工作温度/Working Temperature: -40~85℃
电气连接/Electrical Connection: 直接出线/Cable Outlet, 航空插头/Aviation Plug Connector
尺寸/Size: Φ20×10mm



HPM9361渗透高频压力传感器/HPM9361 Permeation High Frequency Pressure Sensor
量程范围/Pressure Range: 0~2kPa~2.5MPa(表压/Gauge)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 12~24VDC或±12~15VDC
输出/Output: 0~5V, 0~10V, 1~5V等/etc
精度/Accuracy: ±0.25%FS(典型/Typical), ±0.1%FS(可选/Optional)
膜片固有频率/Natural Frequency of Sensor: 125~300kHz
带宽/Bandwidth: 0~1/5固有频率/Natural Frequency(带放大电路/Amplifier Only)
工作温度/Working Temperature: 0~85℃
电气连接/Electrical Connection: 直接出线/Cable Outlet, 航空插头/Aviation Plug Connector
尺寸/Size: Φ6×22mm



HPM9381渗透高频压力传感器/HPM9381 Permeation High Frequency Pressure Sensor
量程范围/Pressure Range: 0~2kPa~2.5MPa(表压/Gauge)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 12~24VDC或±12~15VDC
输出/Output: 0~5V, 0~10V, 1~5V等/etc
精度/Accuracy: ±0.25%FS(典型/Typical), ±0.1%FS(可选/Optional)
膜片固有频率/Natural Frequency of Sensor: 125~300kHz
带宽/Bandwidth: 0~1/5固有频率/Natural Frequency(带放大电路/Amplifier Only)
工作温度/Working Temperature: 0~85℃
电气连接/Electrical Connection: 直接出线/Cable Outlet, 航空插头/Aviation Plug Connector
尺寸/Size: Φ8×17.5mm



HPM9400高频压力传感器/HPM9400 High Frequency Pressure Sensor
量程范围/Pressure Range: 0~200kPa~100MPa(表压/Gauge)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 12~24VDC或±12~15VDC
输出/Output: 0~5V, 0~10V, 1~5V等/etc
精度/Accuracy: ±0.5%FS(典型/Typical), ±0.25%FS(可选/Optional)
膜片固有频率/Natural Frequency of Sensor: 290kHz~1MHz
带宽/Bandwidth: 高达150kHz/Up To 150kHz(带放大电路/Amplifier Only)
工作温度/Working Temperature: -40~100℃
电气连接/Electrical Connection: 直接出线/Cable Outlet, 航空插头/Aviation Plug Connector
压力接口/Process Connection: M20×1.5, 定制/Customization



HPM9550水冷动态高频压力传感器/HPM9550 Water-cooled High-frequency Pressure Sensor
量程范围/Pressure Range: 0~200kPa~30MPa(表压/Gauge)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 12~24VDC或±12~15VDC
输出/Output: 0~5V, 0~10V, 1~5V等/etc
精度/Accuracy: ±1%FS(典型/Typical), ±0.5%FS(可选/Optional)
膜片固有频率/Natural Frequency of Sensor: 290kHz~680kHz
带宽/Bandwidth: 0~1/5固有频率/Natural Frequency(带放大电路/Amplifier Only)
介质温度/Medium Temperature: -10~250℃
电气连接/Electrical Connection: 直接出线/Cable Outlet, 航空插头/Aviation Plug Connector
压力接口/Process Connection: M20×1.5, 定制/Customization



HPM9600铅笔型自由场压力传感器/HPM9600 Pencil shaped Free Field Pressure Sensor
量程范围/Pressure Range: 0~200kPa~30MPa(表压/Gauge)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
供电/Supply: 12~24VDC或±12~15VDC
输出/Output: 0~5V, 0~10V, 1~5V等/etc
精度/Accuracy: ±0.5%FS(典型/Typical), ±0.25%FS(可选/Optional)
膜片固有频率/Natural Frequency of Sensor: 290kHz~680kHz
带宽/Bandwidth: 0~1/3固有频率/Natural Frequency(带放大电路/Amplifier Only)
介质温度/Medium Temperature: -40~115℃
电气连接/Electrical Connection: 直接出线/Cable Outlet, 航空插头/Aviation Plug Connector
尺寸/Size: Φ22.1×407mm, 定制/Customization

性能指标 Performance



HP10LC低功耗数字压力传感器/HP10LC Low-power Digital Pressure Sensor
量程范围/Pressure Range: -100kPa~0~10kPa~100MPa(表压/Gauge), 0~20kPa~10MPa(绝压/Absolute)
精度/Accuracy: $\pm 0.5\%FS$
供电/Supply: 3~5.5VDC
输出/Output: I²C
正常模式工作电流/Normal Mode Current: $\leq 3mA$
睡眠模式工作电流/Sleep Mode Current: $\leq 100nA$
电气连接/Electrical Connection: 直接出线或按客户要求/Wire or Customized
尺寸/Size: $\Phi 19mm$



HP10BL低功耗压力传感器/HP10BL Low-power Pressure Sensor
量程范围/Pressure Range: -100kPa~0~10kPa~100MPa(表压/Gauge), 0~20kPa~10MPa(绝压/Absolute)
压力过载/Pressure Overload: 150%FS
精度/Accuracy: $\pm 0.5\%FS$
供电/Supply: 外接锂电池/External Li-Battery
输出/Output: I²C、RS485、0.5~2.5V等/etc
电气连接/Electrical Connection: 直接出线或按客户要求/Wire or Customized
上部连接螺纹/Upper Connecting Thread: M25×1或M27×2
压力接口/Process Connection: G1/4, G1/2, M20×1.5等/etc



HPM1300L低功耗压力传感器/HPM1300L Low-power Pressure Sensor
量程范围/Pressure Range: -100kPa...0~10kPa...40MPa(表压/Gauge), 0~20kPa...10MPa(绝压/Absolute)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
压力过载/Pressure Overload: 150%FS
精度/Accuracy: $\pm 0.5\%FS$ (标准精度/Standard), $\pm 0.25\%FS$ (提高精度/Improved)
供电/Supply: 外接锂电池/External Li-Battery
输出/Output: I²C、RS485、0.5~2.5V等/etc
电气连接/Electrical Connection: 直接出线/Cable Outlet, 赫斯曼/DIN43650, M12×1
压力接口/Process Connection: G1/4, G1/2, M20×1.5等/etc



HPM1330L低功耗压力传感器/HPM1330L Low-power Pressure Sensor
量程范围/Pressure Range: 0~1~50bar(表压/Gauge)
传感器类型/Sensor Type: 陶瓷压阻/Ceramic Piezoresistive
压力过载/Pressure Overload: 150%FS
精度/Accuracy: $\pm 1.0\%FS$ (标准精度/Standard), $\pm 0.5\%FS$ (提高精度/Improved)
供电/Supply: 外接锂电池/External Li-Battery
输出/Output: I²C、RS485、0.5~2.5V等/etc
电气连接/Electrical Connection: 直接出线/Cable Outlet
压力接口/Process Connection: G1/4, G1/2, M20×1.5等/etc



HPM240L低功耗压力传感器/HPM240L Low-power Pressure Sensor
量程范围/Pressure Range: -100kPa~0~10kPa~100MPa(表压/Gauge), 0~20kPa~10MPa(绝压/Absolute)
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
精度/Accuracy: $\pm 0.5\%FS$ (标准精度/Standard), $\pm 0.25\%FS$ (提高精度/Improved)
供电/Supply: 内置3.6V锂电池/Built In 3.6V Li-Battery
输出/Output: RS485
待机电流/Standby Current: $< 20\mu A$
电气连接/Electrical Connection: 缆塞(壳体内带接线端子)/Cable Entry
压力接口/Process Connection: G1/4, G1/2, M20×1.5等/etc

性能指标 Performance



HPM410LC低功耗液位传感器/HPM410LC Low-power Liquid Level Sensor
量程范围/Pressure Range: 0~0.5~50mHzO
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
精度/Accuracy: $\pm 0.5\%FS$
供电/Supply: 3.0~5.5VDC
输出/Output: I²C
正常模式工作电流/Normal Mode Current: $\leq 3mA$
睡眠模式工作电流/Sleep Mode Current: $\leq 100nA$
介质温度/Medium Temperature: -40°C~85°C



HPM410LR低功耗液位传感器/HPM410LR Low-power Liquid Level Sensor
量程范围/Pressure Range: 0~0.5~500mHzO
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
精度/Accuracy: $\pm 0.5\%FS$
供电/Supply: 3.1~8VDC
输出/Output: RS485
待机电流/Standby Current: $< 5\mu A$
介质温度/Medium Temperature: -40°C~85°C
外壳直径/Housing Diameter: $\Phi 27mm$



HPM410LV低功耗液位传感器/HPM410LV Low-power Liquid Level Sensor
量程范围/Pressure Range: 0~0.5~10mHzO
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
精度/Accuracy: $\pm 0.5\%FS$
供电/Supply: 3.1~8VDC
输出/Output: 0.25~1.25V、0.25~2.25V、0.5~2.5V等电压信号/Voltage Signal
工作电流/Working Current: $\leq 2.5mA$
介质温度/Medium Temperature: -40°C~85°C
外壳直径/Housing Diameter: $\Phi 27mm$



HPM420L低功耗液位传感器/HPM420L Low-power Liquid Level Sensor
量程范围/Pressure Range: 0~0.5~10mHzO
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
精度/Accuracy: $\pm 0.5\%FS$
供电/Supply: 内置3.6V锂电池/Built In 3.6V Li-Battery
输出/Output: RS485
待机电流/Standby Current: $< 20\mu A$
电气连接/Electrical Connection: 缆塞(壳体内带接线端子)/Cable Entry
介质温度/Medium Temperature: -40°C~100°C



HPTM420L低功耗液位温度一体式传感器/HPTM420L Low-power Integrated Sensor For Liquid Level And Temperature
液位量程/Liquid Level Range: 0~0.5~10mHzO
温度量程/Temperature Range: -40~100°C
精度/Accuracy: $\pm 0.5\%FS$ (Liquid Level), $\pm 0.4^\circ C$ (Temperature)
供电/Supply: 内置3.6V锂电池/Built In 3.6V Li-Battery
输出/Output: RS485
待机电流/Standby Current: $< 20\mu A$
电气连接/Electrical Connection: 缆塞(壳体内带接线端子)/Cable Entry
探头直径/Probe Diameter: $\Phi 27mm$

性能指标 Performance



HPM310微差压变送器/HPM310 Micro Differential Pressure Transmitter

量程范围/Pressure Range: 从±100Pa到±40kPa/From ±100Pa To ±40kPa
测量介质/Measured Medium: 干燥和洁净气体/Dry And Clean Gas
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
精度/Accuracy: ±0.25%FS
供电/Supply: 24VDC
输出/Output: 4~20mADC
电气连接/Electrical Connection: 直接出线/Cable Outlet
压力接口/Process Connection: Φ8宝塔嘴/Φ8 Air Nozzle



HPM311风压型差压变送器/HPM311 Differential Pressure Transmitter

量程范围/Pressure Range: 从±200Pa到±100kPa/From ±200Pa To ±100kPa
测量介质/Measured Medium: 干燥和洁净气体/Dry And Clean Gas
传感器类型/Sensor Type: 硅压阻/Silicon Piezoresistive
精度/Accuracy: ±0.5%FS
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, 0/1~10V等/etc
电气连接/Electrical Connection: 直接出线/Cable Outlet
压力接口/Process Connection: Φ8宝塔嘴/Φ8 Air Nozzle



HPM3189高温差压变送器/HPM3189 High Temperature Resistant Differential Pressure Transmitter

量程范围/Pressure Range: 从±10kPa到±3.5MPa/From ±10kPa To ±3.5MPa
测量介质/Measured Medium: 水油气/Water、Oil、Gas
精度/Accuracy: ±0.5%FS
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, 0/1~10V等/etc
介质温度/Medium Temperature: -40℃~130℃
电气连接/Electrical Connection: 直接出线/Cable Outlet, 赫斯曼/DIN43650, M12×1
压力接口/Process Connection: M20×1.5, G1/2等/etc



HPM320型差压变送器/HPM320 Differential Pressure Transmitter

量程范围/Pressure Range: 从±10kPa到±3.5MPa/From ±10kPa To ±3.5MPa
测量介质/Measured Medium: 水油气/Water、Oil、Gas
精度/Accuracy: ±0.5%FS
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0/1~5VDC, 0/1~10V等/etc
介质温度/Medium Temperature: -40℃~85℃
电气连接/Electrical Connection: 缆塞(壳体内带接线端子)/Cable Entry
压力接口/Process Connection: M20×1.5, G1/2等/etc



HAM30多功能微差压变送器/HAM30 Multifunctional Micro Differential Pressure Transmitter

多参量/Multi-parameter: 差压/Differential Pressure, 温度/Temperature, 湿度/Humidity
差压范围/Differential Pressure Range: 从±25Pa到±50kPa/From ±25Pa To ±50kPa
温度范围/Temperature Range: -40℃~85℃
湿度范围/Humidity Range: 0~100%RH
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0~5VDC, 0~10VDC, RS485, WIFI
电气连接/Electrical Connection: 直接出线/Cable Outlet
压力接口/Process Connection: 宝塔嘴/Pagoda Nozzle

性能指标 Performance



HPTM180温压一体变送器/HPTM180 Temperature And Pressure Integrated Transmitter

压力量程/Pressure Range: 0...50kPa...40MPa(表压/Gauge), 0~50kPa...10MPa(绝压/Absolute)
温度量程/Temperature Range: -40~100℃
精度/Accuracy: ±0.5%FS(压力/Pressure), ±0.4℃(温度/Temperature)
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0~5VDC, 0~10VDC, RS485
电气连接/Electrical Connection: 直接出线/Cable Outlet, 赫斯曼/DIN43650, M12×1
压力接口/Process Connection: G1/2, M20×1.5等/etc
温度探杆/Temperature Probe Rod: 长度自定义/Length Customized



HPTM189高温型温压一体变送器/HPTM189 Temperature And Pressure Integrated Transmitter

压力量程/Pressure Range: 0...50kPa...40MPa(表压/Gauge), 0~50kPa...10MPa(绝压/Absolute)
温度量程/Temperature Range: -40~200℃
精度/Accuracy: ±0.5%FS(压力/Pressure), ±0.5℃(温度/Temperature)
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0~5VDC, 0~10VDC, RS485
电气连接/Electrical Connection: 直接出线/Cable Outlet, 赫斯曼/DIN43650, M12×1
压力接口/Process Connection: G1/2, M20×1.5等/etc
温度探杆/Temperature Probe Rod: 长度自定义/Length Customized



HPTM182温压一体变送器/HPTM182 Temperature And Pressure Integrated Transmitter

压力量程/Pressure Range: -100kPa...2kPa...25MPa(表压/Gauge), 0~10kPa...10MPa(绝压/Absolute)
温度量程/Temperature Range: -40~100℃
精度/Accuracy: ±0.5%(压力/Pressure), ±0.4℃(温度/Temperature)
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0~5VDC, 0~10V, RS485
电气连接/Electrical Connection: 直接出线/Cable Outlet, 赫斯曼/DIN43650, M12×1
压力接口/Process Connection: G1/4, NPT1/4, G1/2, M20×1.5等/etc
温度探杆/Temperature Probe Rod: 长度自定义/Length Customized



HPTM240数显型温压一体变送器/HPTM240 Temperature And Pressure Integrated Transmitter With Display

压力量程/Pressure Range: 0~50kPa...40MPa(表压/Gauge), 0~50kPa...10MPa(绝压/Absolute)
温度量程/Temperature Range: -40~100℃
精度/Accuracy: ±0.5%(压力/Pressure), ±0.4℃(温度/Temperature)
供电/Supply: 24VDC、5VDC或内置3.6V锂电池/Built In 3.6V Li-Battery
输出/Output: RS485
电气连接/Electrical Connection: 缆塞(壳体内带接线端子)/Cable Entry
压力接口/Process Connection: G1/2, M20×1.5等/etc



HPTM410温压一体投入式变送器/HPTM410 Temperature And Pressure Integrated Submersible Transmitter

液位量程/Liquid Level Range: 0~1...500mH₂O
温度量程/Temperature Range: -40~80℃
精度/Accuracy: ±0.5%FS(液位/Liquid Level), ±0.4℃(温度/Temperature)
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0~5VDC, 0~10VDC, RS485
外壳材料/Housing Material: 304、316L 或Ti
探头直径/Probe Diameter: Φ27mm
电缆材料/Cable Material: 丁腈/NBR, 聚氨酯/PU, 氟塑料/Fluoroplastics

性能指标 Performance



WZ工业用热电阻/WZ Industrial Thermistor

测温范围/Temperature Range: -200~500℃
测温元件/Measuring Element: PT100
精度/Accuracy: $\pm(0.15+0.002 | t |)$ (A级/Level), $\pm(0.3+0.005 | t |)$ (B级/Level)
测量端形式/Measurement End Form: 两线制或三线制/Two-Wire or Three-Wire
保护管材料/Protection Tube Material: 304、316L
保护管直径/Protection Tube Diameter: $\Phi 6\text{mm}$, $\Phi 8\text{mm}$, $\Phi 10\text{mm}$, $\Phi 12\text{mm}$ 等/etc
电气连接/Electrical Connection: 缆塞(壳体内带接线端子)/Cable Entry
过程连接/Process Connection: M27×2, M20×1.5等/etc



HTP150表面型温度传感器/HTP150 Surface Temperature Sensor

测温范围/Temperature Range: 0~200℃
测温元件/Measuring Element: PT100
精度/Accuracy: $\pm 1.5\Omega$
测量端形式/Measurement End Form: 两线制、三线制或四线制/Two-Wire、Three-Wire or Four-Wire
外形尺寸/Size: 45mm*16mm*16mm
安装形式/Mounting Type: 螺栓固定或磁吸/Bolt or Magnet
电气连接/Electrical Connection: 直接出线/Cable Outlet
外壳材料/Housing Material: 304、316L



HTP410防水型温度传感器/HTP410 Waterproof Temperature Sensor

测温范围/Temperature Range: -50~100℃, -50~150℃, -50~200℃
测温元件/Measuring Element: PT100
精度/Accuracy: $\pm(0.15+0.002 | t |)$ (A级/Level), $\pm(0.3+0.005 | t |)$ (B级/Level)
测量端形式/Measurement End Form: 两线制或三线制/Two-Wire or Three-Wire
安装形式/Mounting Type: 投入式/Drop-Type
电气连接/Electrical Connection: 直接出线/Cable Outlet
外壳材料/Housing Material: 304、316L
电缆材料/Cable Material: 硅胶导线/Silicone, 氟塑料导线/Fluoroplastic



HTM108精巧型温度变送器/HTM108 Compact Temperature transmitter

测温范围/Temperature Range: -200~500℃
测温元件/Measuring Element: PT100
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0~5VDC, 0~10VDC等/etc
精度/Accuracy: $\pm 0.5\%FS$ (典型/Typical), $\pm 0.2\%FS$ (可选/Optional)
电气连接/Electrical Connection: 赫斯曼/DIN43650, 直接出线/Cable Outlet, M12×1
过程连接/Process Connection: M20×1.5, G1/2等/etc
探杆材料/Probe Material: 304、316L



HTM128防爆型温度变送器/HTM128 Explosion-proof Temperature Transmitter

测温范围/Temperature Range: -200~500℃
防爆标志/Explosion-proof Mark: Ex db IIC T6 Gb
测温元件/Measuring Element: PT100
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0~10VDC, RS485等/etc
精度/Accuracy: $\pm 0.5\%FS$ (典型/Typical), $\pm 0.2\%FS$ (可选/Optional)
电气连接/Electrical Connection: 缆塞(壳体内带接线端子)/Cable Entry
过程连接/Process Connection: 螺纹、卡盘或法兰/Screw Thread、Tri-clamp or Flange

性能指标 Performance



HTM208隔爆型温度变送器/HTM208 Explosion-proof Temperature Transmitter

测温范围/Temperature Range: -200~500℃
防爆标志/Explosion-proof Mark: Ex db IIC T6 Gb; Ex tb IIIC T80℃ Db
测温元件/Measuring Element: PT100
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0~10VDC, RS485等/etc
精度/Accuracy: $\pm 0.5\%FS$ (典型/Typical), $\pm 0.2\%FS$ (可选/Optional)
电气连接/Electrical Connection: 缆塞(壳体内带接线端子)/Cable Entry
过程连接/Process Connection: 螺纹、卡盘或法兰/Screw Thread、Tri-Clamp or Flange



HTM228防护型温度变送器/HTM228 Protective Temperature Transmitter

测温范围/Temperature Range: -200~500℃
测温元件/Measuring Element: PT100
供电/Supply: 24VDC
输出/Output: 4~20mADC
精度/Accuracy: $\pm 0.5\%FS$ (典型/Typical), $\pm 0.2\%FS$ (可选/Optional)
电气连接/Electrical Connection: 缆塞(壳体内带接线端子)/Cable Entry
过程连接/Process Connection: M20×1.5, G1/2等/etc
探杆材料/Probe Material: 304、316L



HTM708卫生型温度变送器/HTM708 Sanitary Temperature Transmitter

测温范围/Temperature Range: -200~500℃
测温元件/Measuring Element: PT100
供电/Supply: 24VDC
输出/Output: 4~20mADC, 0~10VDC, RS485等/etc
精度/Accuracy: $\pm 0.5\%FS$ (典型/Typical), $\pm 0.2\%FS$ (可选/Optional)
电气连接/Electrical Connection: M12×1
过程连接/Process Connection: 卡盘/Tri-Clamp $\Phi 50.5$, 卡盘/Tri-Clamp $\Phi 64$
探杆材料/Probe Material: 316L



HTM5100温度开关/HTM5100 Temperature Switch

测温范围/Temperature Range: -200~500℃
测温元件/Measuring Element: PT100
供电/Supply: 24VDC
输出/Output: 4~20mADC, 1路继电器/One Way Relay, 2路NPN/PNP/Two Way NPN/PNP
精度/Accuracy: $\pm 0.5\%FS$ (典型/Typical), $\pm 0.2\%FS$ (可选/Optional)
电气连接/Electrical Connection: M12×1
过程连接/Process Connection: 螺纹、卡盘或法兰/Screw Thread、Tri-clamp or Flange
探杆材料/Probe Material: 304、316L



HTM560/HTM560J温度开关/HTM560/HTM560J Temperature Switch

测温范围/Temperature Range: -200~500℃
测温元件/Measuring Element: PT100
供电/Supply: 24VDC
输出/Output: 4~20mADC, 2路继电器/Two Way Relay, 2路NPN/PNP/Two Way NPN/PNP
精度/Accuracy: $\pm 0.5\%FS$ (典型/Typical), $\pm 0.2\%FS$ (可选/Optional)
电气连接/Electrical Connection: M12×1, 赫斯曼/DIN43650, 航插/Aviation Plug Connector
过程连接/Process Connection: 螺纹、卡盘或法兰/Screw Thread、Tri-clamp or Flange
探杆材料/Probe Material: 304、316L

性能指标 Performance



HFM100型电磁流量计/HFM100 Electromagnetic Flowmeter

口径/DN: DN10-DN2400
衬里材料/Lining Material: 氯丁橡胶(CR), 聚四氟乙烯(PTFE), 聚氨酯橡胶(PU), 聚乙烯(PE), PFA等
介质温度/Medium Temperature: 传感器(Sensor): -25~180°C; 转换器(Transverter): -10~80°C
精度等级/Accuracy: 0.5级/Level
供电方式/Supply Voltage: 24VDC、220VAC
输出/Output Signal: 4~20mADC、脉冲(Pulse)、频率(Frequency)、RS485、HART、Profibus-PA
电导率范围/Conductivity range: $\geq 5\mu\text{S/cm}$
防爆标志/Explosion-proof Mark: Ex db ia q [ia Ga] IIC T6 Gb; Ex tb IIIC T80°C Db



HFM200型涡街流量计/HFM200 Vortex Flowmeter

口径/DN: DN15-DN300
本体材质/Material: 1Cr18Ni9T;
定制(customized)精确度/Accuracy: $\pm 1\%FS$, $\pm 1.5\%FS$; 插入式(Plug-in): $\pm 2.5\%FS$
介质温度/Medium Temperature: 压电式(Piezoelectric): -40~150°C, -40~260°C, 40~330°C
电容式(Capacitance): -40~400°C, -40~500°C
供电电压/Supply Voltage: 传感器(Sensor): DC+12V, DC+24V; 变送器(Transmitter): DC+12V, DC+24V
电池供电型(Battery Supply Type): 3.6V
输出信号/Output Signal: 4~20mADC、脉冲(Pulse)、RS485



HFM400金属管浮子流量计/HFM400 Metal Tube Float Flow Meter

过程连接/Process Connection: 法兰/Flange DN15~DN150或者/or卡盘/Tri-Clamp
流量范围/Flow Range: 液体/Liquid 1~150000L/h; 气体/Gas 0.05~3000m³/h
精度/Accuracy: 1.5级/Level(典型/Typical); 1.0级/Level(可选/Optional)
供电电源/Supply Voltage: 24VDC, 220VAC, 锂电池供电/Battery Supply
输出信号/Output Signal: 4~20mADC, 继电器/Relay, etc
材料/Material: 304, 316L或者/or钛合金/Ti
显示方式/Display: 机械式指针/Mechanical Pointer或者/or LCD



HFM500热式流量开关/HFM500 Thermal Flow Switch

测量介质/Medium: 水、油、气/Water, Oil, Gas
测量范围/Measuring Range: 1~150cm/s(水/Water), 3~300cm/s(油/Oil), 20~2000cm/s(气/Gas)
输出信号/Output Signal: Relay, PNP, NPN
触点容量/Switch Current: $\leq 1A$ (relay), $\leq 400mA$ (PNP/NPN)
介质温度/Medium Temperature: -20~80°C
供电电源/Supply Voltage: 24VDC
电气连接/Electrical Connection: M12×1



HFM510热式数显流量开关/HFM510 Thermal Digital Display Flow Switch

测量介质/Medium: 水、油、气/Water, Oil, Gas
测量范围/Measuring Range: 1~150cm/s(水/Water), 3~300cm/s(油/Oil), 20~2000cm/s(气/Gas)
输出信号/Output Signal: 继电器/Relay, PNP, NPN, 4~20mADC
触点容量/Switch Current: $\leq 1A$ (继电器/Relay), $\leq 150mA$ (PNP/NPN)
介质温度/Medium Temperature: -20~80°C
供电电源/Supply Voltage: 24VDC
电气连接/Electrical Connection: M12×1
状态指示/Status Indicator: 4位LED/4-digit LED

性能指标 Performance



HFM550热式气体质量流量计/HFM550 Thermal Gas Mass Flowmeter

测量介质/Medium: 各种气体(乙炔除外)/Various Gases(Excluding Ethyne)
管径范围/DN: DN10~DN4000
流速范围/Flow Velocity Range: 0.1~100Nm/s
精度/Accuracy: $\pm 1\% \sim \pm 2.5\%FS$
工作温度/Working Temperature: -40~220°C(传感器/Sensor), -20~45°C(转换器/Transverter)
供电电源/Supply Voltage: 24VDC或220VAC
输出信号/Output Signal: 4~20mADC、脉冲/Pulse, RS485
结构形式/Structure: 插入式或管道式/Plug-in or Pipelined



HFM650微小齿轮流量计/HFM650 Micro Gear Flowmeter

测量介质/Medium: 液体/Liquid
流量范围/Flow Range: 最小/Min 0.3~20L/h
过程接口/Process Connection: G1/8, G1/4, G1/2, 等/etc
介质粘度/Medium Viscosity: 最大20万cP/Max 200000 cP
精度/Accuracy: $\pm 0.5\%FS$
介质温度/Medium Temperature: -40~80°C, 最高可定制200°C/Max 200°C Customized
供电电源/Supply Voltage: 9~26VDC
输出信号/Output Signal: 4~20mADC、脉冲/Pulse, RS485
接液材质/Material: 304/316L, 铝合金/AL6061, 四氟/PTFE



FS型流量开关/FS Flow Switch

测量介质/Measuring Medium: 水、气、油/Water, Gas, Oil
输出信号/Output Signal: 磁敏开关/Magnetic Sensitive Switch
触点容量/Contact Capacity: 24VDC/220VAC, 400mADC
最高耐压/Maximum Working Pressure: 400bar
防护等级/Level Of Protection: IP65
介质温度/Medium Temperature: -20~110°C
接线方式/Electrical Connection: PG9赫斯曼接头/PG9 DIN43650



FS20活塞式流量开关/FS20 Piston Flow Switch

测量介质/Medium: 水、油、气/Water, Oil, Gas
输出信号/Output Signal: 磁敏开关/Magnetic Sensitive Switch
触点容量/Switch Current: $\leq 100mA$
介质温度/Medium Temperature: -20~90°C
电气连接/Electrical Connection: M12×1
开关状态指示/Switch Status Indicator: LED灯/LED Light
过程接口/Process Connection: G1/4, G3/8, G1/2, G3/4, G1
外壳材料/Housing Material: 铝、铜、不锈钢/Aluminum, Copper, Stainless Steel



FS20D活塞式流量开关/FS20D Piston Flow Switch

测量介质/Medium: 水、油、气/Water, Oil, Gas
输出信号/Output Signal: 磁敏开关/Magnetic Sensitive Switch
触点容量/Switch Current: $\leq 100mA$
介质温度/Medium Temperature: -20~90°C
电气连接/Electrical Connection: M12×1
开关状态指示/Switch Status Indicator: LED灯/LED Light
过程接口/Process Connection: G1/4, G3/8, G1/2, G3/4, G1
外壳材料/Housing Material: 铝、铜、不锈钢/Aluminum, Copper, Stainless Steel