HIGHJOIN

Specialized in Automation for 10 years

- Industrialization
- Intelligentization
- Professionalization
- Customization



2025

PRODUCT CATALOGUE

Pressure | Temperature | Flow | Level | IOT





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COMPANY PROFILE

Nanjing Hangjia Electronic Technology Co.,Ltd. was established in 2015, it is a company specializing in the research, development, sales, and service of industrial automation and process control. Products covered pressure, temperature, level, flow, and other industrial measuring and process control. We are committed to strict quality control and considerate customer service. Our company strictly follows the ISO9001 quality management system, has advanced production inspection equipment, mature production technology. From technical consulting to customized production, we are committed to helping our customers optimize processes and create value. Our products are widely used in engineer machine, water treatment, food and beverage, medical industries, environmental protection, power enterprise, shipbuilding and other fields. Our product philosophy is specialization, customization, and intelligence. At present, we have provided professional industrial measurement solutions to customers in over 100 countries and regions around the world.



PRODUCTION PROCESS

Standardized production


1.CNC MACHINING


2.INCOMING INSPECTION


3.WAREHOUSE


4.WELDING AND ASSEMBLING


5.CALIBRATION AREA


6.WELDING AND PLOTTING


7.AGING AREA


8.FINISHED PRODUCT INSPECTION

HIGHJOIN

CORE COMPETITIVENESS

- Quality management certification system
- SIL certificate
- CE certification of eu products
- NEPSL, CNEX, ATEXand other explosion-proof certification and testing.
- Audit by several professional third-party certification authority

PRODUCTION CERTIFICATION



















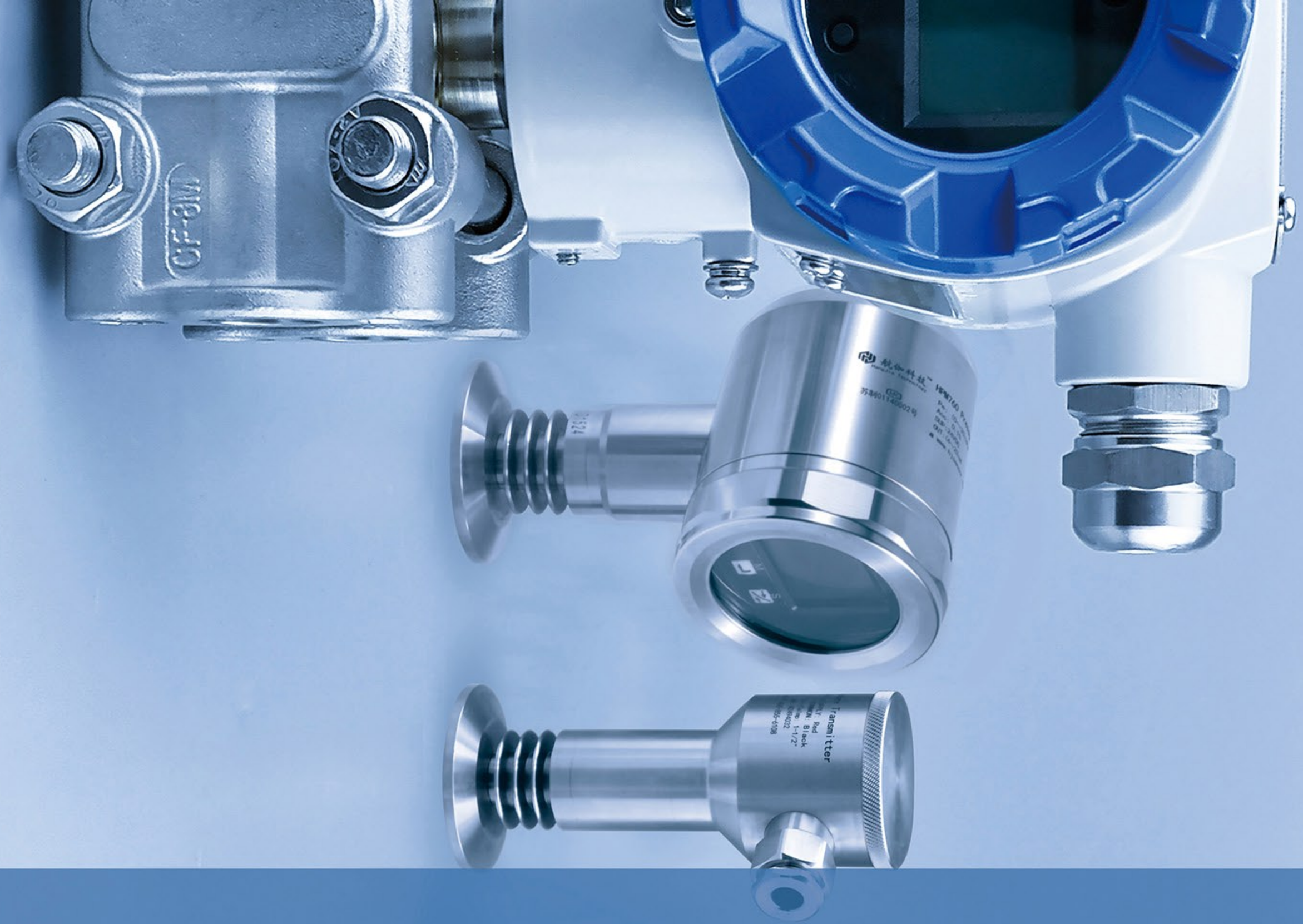








SGS TÜVRheinland BUREAU VERITAS ISO CE LL-C Certification



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Catalog

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Performance



HP10MY Silicon Piezoresistive Pressure Sensor Module

Pressure range: -100kPa..0~10kPa..100MPa
Power supply: 24VDC
Output signal : 4~20mA，0/1~5V，0/1~10V etc.
Compensation temperature: -10~70℃;0~60℃(≤70kPa)
Accuracy: +0.5%(Typical)，±0.25%(Optional)
Size: Φ19mm



HP600M Ceramic Sensor Module

Pressure Range: 0～2bar...400bar(Gauge)
Supply：24VDC
Output：4～20mA，0/1～5V etc.
Compensation Temperature：-10～70℃；0～60℃ (≤70kPa)
Accuracy：±0.5%(Typical)
Long-term Stability：±0.25%（Typical）
Diameter：Φ18mm



HS-DPS-B-J Monocrystalline Silicon Differential Pressure Module

Pressure range: -0.1~3MPa
Accuracy: ±0.2%FS(typical); ±0.1%FS(optional)
Ambient temperature: -30℃~80℃
Medium temperature: -40~125℃
Output signal: 4~20mADC+HART
Power supply: 24VDC



HPM1300 Miniature Pressure Transmitter

Pressure range: 0~10kPa...40MPa
Accuracy: ±0.25%FS，±0.5%FS
Temperature coefficient: ≤0.05%FS/℃
Medium temperature: -40~100℃
Storage temperature: 40~85℃
Output signal: 4 ~20mADC, 0-10VDC, RS485, etc.
Power supply: 24VDC



HPM1301 Miniature Pressure Transmitter

Pressure range: 0~50kPa...40MPa
Accuracy: ±0.25%FS，±0.5%FS
Temperature coefficient: ±1.0%FS/℃(reference 35℃)
Medium temperature: -40~100℃
Storage temperature: 40~85℃
Output signal: 4~20mADC, 0~5VDC, 0~10VDC, 1~10VDC, RS485, etc
Power supply: 24VDC

Performance



HPM130 Compact Pressure transmitter

Pressure range: -100kPa...0 ~ 10kPa...60MPa
Sensor type: Silicon piezoresistive
Accuracy: ±0.5%FS
Output signal: 4 ~ 20mADC, 1 ~ 5VDC, 0 ~ 10VDC,0.5 ~ 4.5VDC, etc.
Power supply: 5VDC, 12VDC, 24VDC
Electrical connection: DIN43650, cable outlet
Process connection: G1/4, R1/4, NPT1/4, etc



HPM133 Ceramic Pressure Transmitter

Pressure range: 0 ~ 1...50bar(Gauge)
Sensor type: Ceremic piezoresistive
Accuracy: ±0.5%FS
Working temperature: -30~85℃
Storage temperature: -40~125℃
Output Signal: 4 ~ 20mADC, 0.5 ~ 4.5VDC, etc.
Power supply: 5VDC, 24VDC
Electrical connection: DIN43650/Hirschmann, Packard connector, etc.
Process connection: G1/4, R1/4, NPT1/4, M14×1.5, M12×1.5, etc.



HPM180(RS485, HART optional, Intrinsically safe explosion-proof)

Pressure range: -100kPa...0~2kPa...100MPa
Sensor type: Silicon Piezoresistive
Accuracy: ±0.5%FS(typical); ±0.2%FS(typical); ±0.1%FS(optional)
Medium temperature: -40~125℃
Storage temperature: -40~85℃
Output signal: 4~20mADC, 0~10VDC, 0~5VDC, 1~5VDC, 1~10VDC, HART, RS485(optional)
Power supply: 24VDC
Electrical connection: DIN43650/Hirschmann, M12×1, cable outlet, etc
Process connection: M20, G1/2, G1/4, etc



HPM181 High Accuracy Pressure Transmitter

Pressure range: -100kPa...0~10kPa...100MPa(Gauge), 0~10kPa...2MPa(Absolute)
Sensor type: Silicon Piezoresistive
Accuracy: ±0.1%FS(typical); ±0.05%FS(optional)
Medium temperature: -30~125℃
Storage temperature: -40~100℃
Output signal: 4~20mADC, 0~10maDC, 0~10VDC, etc
Power supply: 24VDC
Electrical connection: DIN43650/Hirschmann, M12×1, cable outlet, etc
Process connection: NPT1/2, NPT1/4, G1/2, G1/4, etc



HPM189 High Temperature Pressure Transmitter

Pressure range: -100kPa...0~2kPa...100MPa(Gauge),0~10kPa...10MPa(Absolute)
Accuracy: ±0.5%FS(typical); ±0.2%FS(optional)
Medium temperature: -40~140℃,-40~200℃(Optional),-40~350℃(Optional)
Output signal: 4 ~ 20mADC, 0/1 ~ 5VDC, 0/1~10VDC etc
Power supply: 24VDC
Electrical connection: DIN43650/Hirschmann, cable outlet, etc
Process connection: M20, G1/2, G1/4, etc.

Performance



HPM10V Piezoresistive Vacuum Gauge

Pressure range: 0~10kPa..200kPa(Absolute)
Sensor type: Silicon Piezoresistive
Accuracy: ±0.25%FS(Typical) ±0.1%FS(Optional)
Medium temperature: -40~100℃
Output signal: 4~20mADC,0/1~5VDC,0/1~10VDC,RS485 etc.
Power supply: 24VDC
Electrical connection: Cable Outlet,DIN43650,M12x1
Process connection: ISO-KF,Tube,VCR etc.



HPM18V Capacitive Vacuum Gauge

Pressure range: 0~200Pa...100kpa(Absolute Pressure)
Accuracy: ±0.1%FS (20kPa,100kPa) ±0.25%FS (5kPa,10kPa) ±0.5%FS (500Pa,1kPa, 2kPa) ±1.5%FS (200Pa)
Temperature coefficient: ±1.0%FS
Medium temperature: -40~125℃
Storage temperature: -30~85℃
Output signal: 4~20mADC, 0~5VDC, 0~10VDC, RS485, etc
Power supply: 24VDC
Electrical connection: DIN43650, M12, cable outlet
Process connection: 1/2" Tube, KF16, DN16 CF, 1/2 VCR female, etc



HPM128 Explosion-proof Pressure Transmitter

Pressure range: -100kPa...0~10kPa...100MPa(Gauge), 0~10kPa...10MPa(Absolute)
Accuracy: ±0.5%FS
Temperature coefficient: ±0.03%FS(reference 25°C)
Working temperature: -30~85℃ / Storage temperature: -40~120℃
Output signal: 4~20mADC, 0~10VDC, etc
Power supply: 24VDC
Electrical connection: cable outlet
Process connection: G1/2, M20*1.5
Explosion-proof: Ex ia IIC T6 Ga



HPM129A-123 High-temperature Melt Pressure Transmitter

Pressure range: 0~10MPa...0~150MPa
Overload: 1.5x of full scale
Accuracy: ±0.5%FS
Max diaphragm temperature: 400°C
Output signal: 4~20mADC, 0~10VDC, 0~5VDC
Power supply: 24VDC
Electrical connection: 6Pin Plug
Process connection: 1/2"-20UNF, M14×1.5, M18×1.5, etc.



HPM17 Anticorrosive Pressure Transmitter

Pressure range: -100kPa...0~10kPa...60MPa
Accuracy: ±0.5%FS(typical); ±0.25%FS(optional)
Ambient temperature: -40~65℃
Storage temperature: -40~120℃
Output signal: 4~20mADC, 1~5VDC, etc
Power supply: 24VDC
Electrical connection: DIN43650, cable outlet, etc
Process connection: G1/2, G1/4, M20*1.5(PP,PVDF,PTFE optional)

Performance



HPM240 Protective Pressure Transmitter

Pressure range: -100kPa...0~1kPa...100MPa(Gauge), 0~20kPa...10MPa(Absolute)

Accuracy: ±0.5%FS(typical); ±0.25%FS(optional)

Working temperature: -30~85℃

Storage temperature: -40~120℃

Output signal: 4~20mADC, 1~5VDC,etc.

Power supply: 24VDC

Electrical connection: M20*1.5cable gland

Process connection: G1/2, M20*1.5, etc



HPM280 Protective Pressure Transmitter

Pressure range: -100kPa...0~1kPa...100MPa(Gauge), 0~ 20kPa...10MPa(Absolute)

Accuracy: ±0.5%FS(typical); ±0.2%FS(optional)

Working temperature: -30~85℃

Storage temperature: -40~120℃

Output signal: 4~20mADC, 1~5VDC

Power supply: 24VDC

Electrical connection: M20*1.5 cable gland

Process connection: G1/2, M20*1.5, etc



HPM285 Intelligent Pressure Transmitter

Pressure Range: -100kPa…0~1kPa…100MPa(Gauge), 0~20kPa…10MPa(Absolute)

Sensor Type: Silicon Piezoresistive

Supply: 24VDC

Output: RS485, 4~20mADC+HART

Accuracy: ±0.5%FS(Typical), ±0.2%FS(Optional)

Working Temperature: -30~85℃

Electrical Connection: Cable Entry

Process Connection: M20×1.5, G1/2 etc



HPM288 Anti-explosion Pressure Transmitter

Pressure range: -100kPa...0~1kPa...100MPa(Gauge),0~20kPa...10MPa(Absolute)

Accuracy: ±0.5%FS(typical); ±0.2%FS(optional)

Working temperature: -40~60℃

Storage temperature: -40~120℃

Output signal: 4~20mADC, 1~5VDC, etc

Power supply: 24VDC

Electrical connection: NPT1/2 cable gland

Process connection: G1/2, M20*1.5, etc

Explosion-proof: Ex db IIC T6 Gb; Ex tb IIIC T80°°C Db

Performance



HPM20F Flange Diaphragm Pressure Transmitter

Pressure range: 0~20kPa...10MPa

Accuracy: ±0.5%FS(typical); ±0.2%FS(optional)

Working temperature: -30~85℃

Storage temperature: -40~120℃

Output signal: 4~20mADC

Power supply: 24VDC

Electrical connection: M20*1.5 cable gland Process

Connection: G1/2, M20*1.5(PP, PVC or PVDF)



HPM260 Pressure Transmitter

Pressure range: -100kPa...0~1kPa...100MPa(Gauge), 0~20kPa...10MPa(Absolute)

Accuracy: ±0.5%FS(typical); ±0.2%FS(optional)

Working temperature: -30~85℃

Storage temperaure: -40~120℃

Output signal: 4~20mADC, 1~5VDC, etc

Power supply: 24VDC(12~30VDC)

Electrical connection: cable outlet, M12*1

Process connection: M20*1.5, G1/2

LCD display: side or top



HPM27 Anti-corrosion Pressure Transmitter

Pressure range: -1...0~0.2...20bar(Gauge),0~0.2...20bar(Absolute)

Accuracy: ±0.5%FS(typical); ±0.2%FS(optional)

Working temperature: -30~85℃

Storage temperature: -40~120℃

Output signal: 4~20mADC

Power supply: 24VDC

Electrical connection: M20*1.5 cable gland

Process connection: G1/2, M20*1.5(PP, PVC or PVDF)



HPM289 High-temperature Resistance Pressure Transmitter

Pressure range: -100kPa...0~1kPa...100MPa(Gauge),0~20kPa...10MPa(Absolute)

Accuracy: ±0.5%FS(typical); ±0.2%FS(optional)

Medium temperature: -40~180℃

Ambient temperature: -30~80℃

Storage temperature: -40~120℃

Output signal: 4~20mADC, 1~5VDC, etc

Power supply: 24VDC(11~30VDC)

Electrical connection: M20*1.5 cable gland

Process connection: G1/2, M20*1.5

Performance



HPM310 Air Differential Pressure Transmitter

Pressure range: From ±100Pa To ±40kPa
Overload: 3 times the basic scale
Accuracy: ±0.25%FS
Medium temperature: -40~125°C
Output signal: 4~20mADC
Power supply: 24VDC
Electrical connection: Cable outlet
Process connection: Φ8 Pagoda



HPM311 Air Differential Pressure Transmitter

Pressure range: From ±200Pa To ±100kPa
Overload: 3 times the basic scale
Accuracy: ±0.25%FS
Medium temperature: -40~125°C
Output signal: 4~20mADC,0/1~5VDC,0/1~10V etc
Power supply: 24VDC
Electrical connection: Cable outlet
Process connection: Φ8 Pagoda



HPM3136 Monosilicon Differential Pressure Transmitter

Pressure Range: 0~1kPa...3MPa
Measured Medium: Water,Oil,Gas
Accuracy: ±0.1%FS
Power Supply: 24VDC
Output Signal: 4~20mA+HART
Medium Temperature: -40℃~120℃
Electrical Connection: Cable Outlet，DIN43650，M12x1
Process Connection: G1/4M，NPT1/4F，M20x1.5M



HPM3180 Compact Differential Pressure Transmitter

Pressure Range: 0～0.01...3.5MPa
Measured Medium: Water,Oil,Gas
Accuracy: ±0.5%FS
Power Supply: 24VDC
Output Signal: 4~20mA,0~5V,0~10V etc
Medium Temperature: -30℃~85℃
Electrical Connection: Cable Outlet，DIN43650，M12x1
Process Connection: G1/4，G1/2，M20x1.5



HPM320 Differential Pressure Transmitter

Pressure range: From ±10kPa To ±3.5MPa
Overload: 2 times the basic scale
Accuracy: ±0.5%FS
Working temperature: -40~85°C
Output signal: 4~20mADC , 0-5VDC,etc
Power supply: 24VDC
Electrical connection: cable gland(M20*1.5)
Process connection: M20×1.5, G1/2

Performance



HPM410 Submersible Level Transmitter

Pressure Range: 0~1···500mH2O
Supply: 24VDC
Output: 4~20mADC, 0/1~10VDC, RS485 etc
Medium Temperature: -40℃~80℃
Compensation Temperature: 0℃~70℃(Typical), -10℃~80℃(Optional)
Temperature Drift: ≤±1.0%FS(Reference 25℃)
Accuracy: ±0.5%FS(Typical), ±0.2%FS(Optional)
Material: 304, 316L,Ti



HPM410-C Anti-sediment Submersible Level Transmitter

Pressure Range: 0~1...500mH2O
Supply: 24VDC
Output: 4 ~ 20mADC, 0/1 ~ 10VDC, RS485 etc
Medium Temperature: -40℃~80℃
Compensation Temperature: 0℃~70℃(Typical), -10℃~80℃(Optional)
Temperature Drift: ≤±1.0%FS (Reference 25℃)
Accuracy: ±0.5%FS(Typical), ±0.2%FS(Optional)
Material: 304, 316L, Ti



HPM410-F Integrated Submersible Level Transmitter

Pressure Range: 0 ~ 1···200mH2O
Supply: 24VDC
Output: 4 ~ 20mADC, 0/1~10VDC, RS485 etc
Medium Temperature: -20℃~85℃
Compensation Temperature: 0℃~70℃
Temperature Coefficient: ±0.03%FS/℃(Reference 25℃)
Accuracy: ±0.5%FS(Typical), ±0.25%FS(Optional)
Material: 304, 316L,Ti



HPM413 Ceramic Piezoresistive Submersible Level Transmitter

Pressure Range: 0~2···200mH2O
Supply: 24VDC
Output: 4~20mADC, 0/1~5VDC, RS485 etc
Medium Temperature: -20℃~80℃
Accuracy: ±0.5%FS
Housing Diameter: Φ22mm
Sensor Type: Ceramic Piezoresistive
Housing Material: 316L, Ti



HPM47W Anti-corrosion Level Transmitter

Pressure Range: 0 ~ 0.5...200mH2O
Accuracy: ±0.2%FS(typical); ±0.5%FS(max)
Working Temperature: -10~70℃
Output Signal: 4~20mADC, 0~5VDC, etc
Power supply: 24VDC
Sensor Mateial: Ceramic
Housing Material: PP, PVC, PVDF, PTFE

Performance



HPM5010 Intelligent Pressure Switch

Pressure range: -100kPa...0~1kPa...100MPa(Gauge),0~10kPa...10MPa(Absolute)
Accuracy: ±0.5%FS
Working temperature: -40~80°C
Display: 4 digital LED
Output signal: 4~20mADC/voltage+RS485+two way PNP/NPN
Supply Voltage: 24VDC
Electronic connection: M12*1
Response time: <10ms



HPM5100 Intelligent Pressure Switch

Pressure range: -100kPa...0~1kPa...100MPa(Gauge),0~10kPa...10MPa(Absolute)
Accuracy: ±0.5%FS
Working temperature: -40~85°C
Display: 4 digital LED (LCD can customized)
Output signal: 4~20mADC+Relay/NPN/PNP(selected)
Supply Voltage: 24VDC
Electronic connection: M12*1
Response time: <4ms



HPM520 Intelligent Pressure Switch

Pressure range: -100kPa...0~1kPa...-100MPa(Gauge),0~10kPa...-10MPa(Absolute)
Accuracy: ±0.5%FS
Working temperature: -40~85°C
Display: 0.56"LED
Dial diameter: 100mm
Output signal: 4~20mADC two way relay
Supply Voltage: 24VDC/20VAC can be selected
Electronic connection: cable outlet, terminal
Response time: <30ms



HPM560 Intelligent Pressure Switch

Pressure range: -100kPa...0~1kPa...100MPa(Gauge),0~10kPa...10MPa(Absolute)
Accuracy: ±0.5%FS
Working temperature: -40~85°C
Display: 4 digital LED
Output signal: 4~20mADC+two way Relay/NPN/PNP(selected)
Supply Voltage: 24VDC
Electronic connection: M12*1
Response time: <4ms



HPM580 Anti-explosion Pressure Controller

Pressure range: -100kPa...0~ 1kPa...100MPa(Gauge), 0~10kPa...10MPa(Absolute)
Temperature range: -40~100℃
Accuracy: ±0.5%FS
Working temperature: -40-80°C
Display: 0.56"LED
Output signal: 4~20mADC+four way relay/NPN/PNP
Supply Voltage: 24VDC/220VAC can be customized
Electronic connection: terminal cable outlet

Performance



HPM710 Flat Film Hygienic Pressure Transmitter

Pressure Range: -100kPa…0~20kPa…40MPa(Gauge), 0~35kPa…10MPa(Absolute)

Sensor Type: Silicon Piezoresistive

Supply: 24VDC

Output: 4~20mADC, 0/1~5VDC, 0/1~10VDC etc

Accuracy: ±0.5%FS

Medium Temperature: -40 ~ 80℃, -40~140℃(Optional), -40~180℃(Optional)

Electrical Connection: DIN43650, M12×1, Cable Outlet

Process Connection: M20×1.5, G1/2, G1 etc



HPM711 Hygienic Pressure Transmitter

Pressure range: -100kPa...0~20kPa...40MPa(Gauge), 0~35kPa...-10MPa(Absolute)

Accuracy: ±0.5%FS

Medium temperature: -40~100℃,-40~150℃(Optional)

Output signal: 4~20mADC, 1~5VDC, etc

Power supply: 24VDC

Electrical connection: DIN43650, M12×1, DIN43650 with LED/LCD

Process connection: G1/2, G1



HPM718/HPM718H Flush Diaphragm Pressure Transmitter

Pressure range: -100kPa...0~2.5kPa...100bar(Gauge),0~2.5kPa...100bar(Absolute)

Accuracy: ±0.25%FS

Medium temperature: normal type -40~125°C， high temperature type -40~140°C

Output signal: 4~20mADC, 0.5~4.5VDC, etc.

Power supply: 24VDC

Electrical connection: Cable outlet, M12×1, DIN43650

Process connection: G1 External Thread, M30×1.5 External Thread



HPM713 Ceramic Diaphragm Pressure Transmitter

Pressure range: -100kPa...0~300Pa...7MPa

Accuracy: ±0.5%FS(typical); ±0.2%FS(optional)

Medium temperature: -40~125℃

Working temperature: -20~80℃

Output signal: 4~20mADC, 1~5VDC, etc

Power supply: 24VDC

Electrical connection: Cable outlet, M12*1

Process connection: G3/4 Male Thread

Performance



HPM720 Tri Clamp Hygienic Pressure Transmitter

Pressure range: -100kPa...0~10kPa...10MPa

Accuracy: ±0.5%FS(typical); ±0.25%FS(optional)

Workingtemperature: -20℃~85℃

Storage temperature: -40℃~150℃

Output signal: 4~20mADC, 1~5VDC, etc

Power supply: 24VDC

Electrical connection: DIN43650, Cable Outlet, Aviation Connector

Process connection: 1.5 inch Clamp Connection, 2 inch Clamp Connection



HPM760 Clamp Hygienic Pressure Transmitter

Pressure range: -100kPa...0~10kPa...2.5MPa(Gauge),0~20kPa...2.5MPa(Absolute)

Accuracy: ±0.5%FS

Storage temperature: -40~85°C or -40~150°C

Output signal: 4~20mADC, 1~5VDC, etc.

Power supply: 24VDC

Electrical connection: Cable outlet, M12×1

Process connection: Tri-Clamp 1-1/2"Quick Clamp, Tri-Clamp 2"Quick Clamp, DIN11851 DN25 Joint Nut, DIN11851 DN40 Joint Nut, SMS DN1-1/2"Joint Nut, SMS DN2"Joint Nut, DRD DN50, INGO



HPM768 Hygienic Pressure Transmitter

Pressure range: -100kPa...0~2.5kPa...4MPa(Gauge),0~10kPa...4MPa(Absolute)

Accuracy: ±0.25%FS

Medium temperature: -40~125℃, -40~140℃(Optional)

Output signal: 4~20mADC, 1~5VDC, etc

Power supply: 24VDC

Electrical connection: Cable outlet, M12×1

Process connection: Tri-Clamp, DIN11851 DN40, DRD DN50(65mm), DN25 Flange, G 1/2'', etc



HPM785 Hygienic Differential Pressure Transmitter

Pressure Range:0~10kPa...1MPa

Measuring Medium: Water,Oil,Gas

Accuracy: ±0.25%FS(Typical) ±0.1%FS(Optional)

Medium Temperature: -40℃~180℃

Power Supply: 24VDC

Output Signal: 4~20mA+HART，RS485 etc

Electrical Connection: M12x1

Process connection: 2" Tri-clamp, flange DN50, DN80

Performance



HPM81/82 Monosilicon Differential Pressure Transmitter

Range	kPa	Unilateral overpressure	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

Pressure range: -4MPa~4MPa
Accuracy: ±0.075%FS
Medium temperature: -40~125℃
Output signal: 4~20mADC+HART
Power supply: 10.5~45VDC
Electrical connection: cable gland (M20*1.5)
Process connection: 1/4NPT Internal Thread
Explosion Proof: Ex db IIC T6 Gb; Ex ia II CT6 Ga;
Ex tb IIC T80°C Db



HPM85 Monosilicon Diaphragm Sealed Differential Pressure Transmitter

Range	kPa	Unilateral overpressure	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

Pressure range: -4MPa~4MPa
Accuracy: ±0.1%FS
Medium temperature: -40~125℃
Output signal: 4~20mADC+HART
Power supply: 10.5~45VDC
Electrical connection: cable gland (M20*1.5)
Process connection: 1/4NPT Internal Thread
Explosion Proof: Ex db IIC T6 Gb; Ex ia II CT6 Ga;
Ex tb IIIC T80°C Db



HPM86 Monosilicon Pressure Transmitter

Range	kPa	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

Pressure range: -100kPa~40MPa~4MPa
Accuracy: ±0.075%FS
Medium temperature: -40~125℃
Output signal: 4~20mADC+HART
Power supply: 10.5~45VDC
Electrical connection: cable gland (M20*1.5)
Process connection: 1/4NPT Internal Thread
Explosion Proof: Ex db IIC T6 Gb; Ex ia II CT6 Ga;
Ex tb IIIC T80°C Db



HPM87 Monosilicon Flange Diaphragm Pressure Transmitter

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

Pressure range: -100kPa~4MPa
Accuracy: ±0.1%FS
Medium temperature: -40~125℃
Output signal: 4~20mADC+HART
Power supply: 10.5~45VDC
Electrical connection: cable gland (M20*1.5)
Process connection: 1/4NPT Internal Thread
Explosion Proof: Ex db IIC T6 Gb; Ex ia II CT6 Ga;
Ex tb IIIC T80°C Db



HPM88 Ceramic Capacitive Pressure Transmitter

Range	Pressure Type	kPa	MWP
G1	Gauge	0 ~ 10	400
G2	Gauge	0 ~ 20	600
G3	Gauge	0 ~ 40	600
G4	Gauge	0 ~ 100	1000
G5	Gauge	0 ~ 200	1800
G6	Gauge	0 ~ 400	2500
G7	Gauge	0 ~ 1000	4000
G8	Gauge	0 ~ 2000	4000
G9	Gauge	0 ~ 4000	6000
G0	Gauge	0 ~ 7000	10500

Pressure range: -100kPa~4MPa
Accuracy: ±0.1%FS
Medium temperature: -40~85℃
Output signal: 4~20mADC + HART
Power supply: 10.5~45VDC
Electrical connection: cable gland (M20*1.5)
Process connection: 1/4NPT Internal Thread
Explosion Proof: Ex db IIC T6 Gb; Ex ia II CT6 Ga;
Ex tb IIIC T80°C Db

Performance



HPE80 Electronic Pressure Gauge

Pressure range: -100kPa..0~10kP.a..60MPa(Gauge)0~10Kpa...10Mpa(Absolute)
Power supply: 3VDC/(2pcs of AAA battery)
Sampling rate: 3~5 times/second
Accuracy:+0.1%FS，±0.25%FS
Display: 5-digit LCD
Process connection: G1/4、G1/2,M20x1.5 et.
Housing material: SS304
Dial size: Φ80mm



HPB Pressure Gauge

Size: 1.5"(40mm), 2"(50mm), 2.5"(63mm), 3"(75mm), 4"(100mm)
Pressure range: 0 ~ 0.1...100MPa
Connector/Socket: M20*1.5, G1/2, other customized
Connection type: Axial, Radial
Dial Plate: Single, dual or three scales(Bar, Psi, Kg/cm , Kpa, Mpa)
Pointer: Aluminum
Case: ss304/ crimpled ring
Liquid filled: Glycerin
Accuracy: ±1.6%(typical); ±2.5%(optional)



HPB Diaphragm Pressure Gauge

Size: 2"(50mm), 2.5"(60mm), 3"(75mm), 4"(100mm)
Pressure range: 0.1~100Mpa
Connector/Socket: M20*1.5, G1/2, customized
Connection type: Axial, Radial
Dial Plate: Single, dual or three scales(Bar,Psi, Kg/cm ,Kpa,Mpa)
Pointer: Aluminum
Case: ss304/ crimpled ring
Liquid filled: Glycerin
Accuracy: ±1.6%(typical); ±2.5%(optional)



HP2000 Differential Pressure Gauge

Pressure Range: From ±30Pa To ±100kPa
Measured Medium: Dry And Clean Gas
Sensor Type: Mechanical
Accuracy: ±2%FS, ±3%FS, ±4%FS
Process Connection: NPT1/8, NPT 1/8 Female
Housing Material: Cast Aluminium
Size: Φ120.65×55.6mm



HP3000 Differential Pressure Gauge

Pressure Range:From ±30Pa To ±5kPa
Measured Medium: Dry And Clean Gas
Sensor Type: Silicon Piezoresistive
Accuracy: ±0.5%FS
Supply: 24VDC
Output: 4~20mADC, 0~10VDC, Alarm, RS485 etc
Electrical Connection: Connecting Terminal
Process Connection: Air Nozzle
Size: Φ120×36.7mm

Performance



HTP130 Temperature Sensor

Temperature range: -20~800℃
Accuracy: ±1.5Ω
Sensor: PT100, thermocouple
Cable: PTFE jacket silver cable
Pressure: Atmosphere



HTP150 Mine Surface Temperature Sensor

Temperature range: 0~200℃
Accuracy: ±1.5Ω
Sensor: PT100
Environment temperature: -20~40℃
Cable: Four core shielded cable, length customized
Pressure: Atmosphere
Sensor dimension: 45mm*16mm*16mm



WZP Temperature Sensor

Temperature range: -50~200℃
Sensor: PT100
Accuracy: Class A
Probe diameter & length: Φ4mm×30mm, others customized.
Probe material: SS304, SS316L
Cable length: 0.5m,1m,2m,3m etc.
Cable material: PTFE shielded cable
Electrical connection: U type terminal (default), plug, etc.



WZ Thermal Resistance

Temperature range: -40~500℃
Sensor type: PT100, PT1000, CU50
Process connection: G1/2 male thread, others customized
Electronic connection: Junction box
Probe diameter: 8mm,10mm, 12mm, 16mm
Tube material: SS304, SS316L, Corundum(BSR type)



WR Temperature Thermocouple

Temperature range: -40~1800℃
Graduation: K,J,T,B,S,R
Process connection: G1/2 male thread, others customized
Electronic connection: Junction box
Probe diameter: 8mm,10mm, 12mm, 16mm
Tube material: SS304, SS316L, Corundum(BSR type)

Performance



HT213M Head Mounted Intelligent Temperature Transmitter

Input signal: RTD/Thermocouple

Output signal: 4~20mA

Power supply: DC12~40V

Ambient temperature:-40~80℃

Storage temperature:-40~100℃



HT216M Intelligent Temperature Transmitter

Input signal: RTD/Thermocouple

Output signal: 4~20mA

Power supply: DC12~40V

Ambient temperature:-40~80℃

Storage temperature:-40~100℃

Display: LCD



HT218M Isolated Intelligent Temperature Transmitter

Input signal: RTD/Thermocouple

Output signal: 4~20mA,4~20mA+HART, 4~20mA+rs485

Power supply: DC12~40V

Ambient temperature:-40~80℃

Storage temperature:-40~100℃

Display: LCD



HT219M Temperature Transmitter Module

Temperature range: -40~1500°C

Temperaure sensor: RTD/Thermocouple

Accuracy:+0.1%FS

Environment temperature: -20-70°C

Output signal: 4~20mADC,4~20mA+HART,4~20mA+RS485

Power supply: 12~40VDC

Process connection: M27×2 female thread

Electronic connection: M20×1.5 female thread



HTM22 Signal Isolator Converter

Input signal: RTD/Thermocouple

Output signal: 4~20mA,0~10mA,0~20mA,1~5V,0~5V

Power supply: DC20-30V

Dimension:13×108×115.6mm（W×H×D）

Installation way: 35mm Standard DIN installation

Weight:~130g

Performance



HTM108 Temperature Transmitter

Temperature Range: -200~500°C
Accuracy: ±0.5%FS(Typical),±0.2%FS(Optional)
Long-term Stability: ±0.2%FS/year
Measuring Element: PT100
Output Signal: 4~20mADC; 0~5VDC, 0~10VDC, etc
Power supply: 24VDC
Electrical Connection: DIN43650, cable, etc



HTM128 Anti-explosion Temperature Transmitter

Temperature Range: -200~500℃
Accuracy: ±0.5%FS(Typical),±0.2%FS(Optional)
Measuring Element: PT100
Power supply: 24VDC
Output Signal: 4~20mADC
Process Connection: M20×1.5, G1/2, etc
Explosion-proof: Ex db IIC T6 Gb



HTM208 Anti-explosion Temperature Transmitter

Temperature Range: -200~500℃
Accuracy: ±0.5%FS(Typical),±0.2%FS(Optional)
Measuring Element: PT100/Thermocouple
Output Signal: 4~20mADC; RS485/HART(optional)
Power supply: 24VDC
Explosion Proof: Ex db IIC T6 Gb; Ex tb IIIC T80℃ Db
Electrical Connection: M20x1.5 cable entry



HTM228 Protective Temperature Transmitter

Temperature Range: -200~500℃
Accuracy: ±0.5%FS(Typical),±0.2%FS(Optional)
Measuring Element: PT100/Thermocouple
Power supply: 24VDC
Output Signal: 4～20mADC
Junction Box: waterproof
Installing Type: Fixed Thread, Fixed Flange



HTM708 Hygienic Temperature Transmitter

Temperature Range: -200~500℃
Accuracy: ±0.5%FS(typical); ±0.2%FS(optional)
Measuring Element: PT100
Output Signal: 4~20mADC; RS485/HART(optional)
Power supply: 24VDC
Electrical Connection: M12x1 or cable
Process Connection: tri-clamp

Performance



HPTM180 Temperature and Pressure Integrated Transmitter

Pressure range: 0...50kPa...40MPa(Gauge), 0~50kPa...10MPa(Absolute)
Temperature range: -40~100℃
Pressure accuracy: ±0.5%FS; ±0.2%FS
Tempersture accuracy: ±0.4℃
Working temperature: -40~100°C
Output signal: 4~20mADC, 0~5VDC, 0~10VDC, RS485, 4~20mADC+PT100
Power supply: 24VDC
Electronic connection: Hirschmann, M12x1, cable outlet
Process connection: G1/2, others need customized



HPTM182 Temperature and Pressure Integrated Transmitter

Pressure Range: -100kPa...2kPa...25MPa(Gauge), 0~10kPa...10MPa(Absolute)
Temperature Range: -40~100℃
Accuracy: ±0.5%(Pressure), ±0.4℃(Temperature)
Supply: 24VDC
Output: 4~20mADC, 0~5VDC, 0~10V, RS485
Electrical Connection: Cable Outlet, DIN43650, M12×1
Process Connection: G1/4, NPT1/4, G1/2, M20×1.5 etc
Temperature Probe Rod: Length Customerized



HPTM189 Temperature and Pressure Integrated Transmitter

Pressure range: 0...50kPa...40MPa(Gauge),0~50kPa...10MPa(Absolute)
Temperature range: -40~200℃(max 350°C customized)
Pressure accuracy: ±0.5%FS; ±0.2%FS
Tempersture accuracy: ±0.4℃
Working temperature: -40~85°C
Output signal: 4-20mA, 0-5V,0-10V,RS485, 4-20mA+PT100
Power supply: 24VDC
Electronic connection: Hirschmann, M12x1, cable outlet
Process connection: G1/2, M20*1.5, others need customized



HPTM280 Temperature and Pressure Integrated Transmitter

Pressure range: 0~50Kpa...40Mpa
Temperature range: -40~85℃
Pressure accuracy: ±0.5%FS; ±0.2%FS
Tempersture accuracy: ±0.4℃
Working tsmperature:.40~85℃
Output signal: RS485
Power supply: 24VDC,5VDC,3.6V lithium battery
Electronic connection: M20 cable gland
Process connection: M20×1.5, G1/2



HPTM410 Temperature and Pressure Integrated Transmitter

Level range: 0~1...500mH_2O
Temperature range: -40 ~ 80℃
Pressure accuracy: ±0.5%FS; ±0.2%FS
Tempersture accuracy: ±0.4℃
Output signal: 2-wire 4~20mADC(Level&temperature), 4~20mA or 0~10V(level)+PT100(temperature), RS485
Power supply: 24VDC
Electronic connection: cable outlet
Protection Grade: IP68

Performance



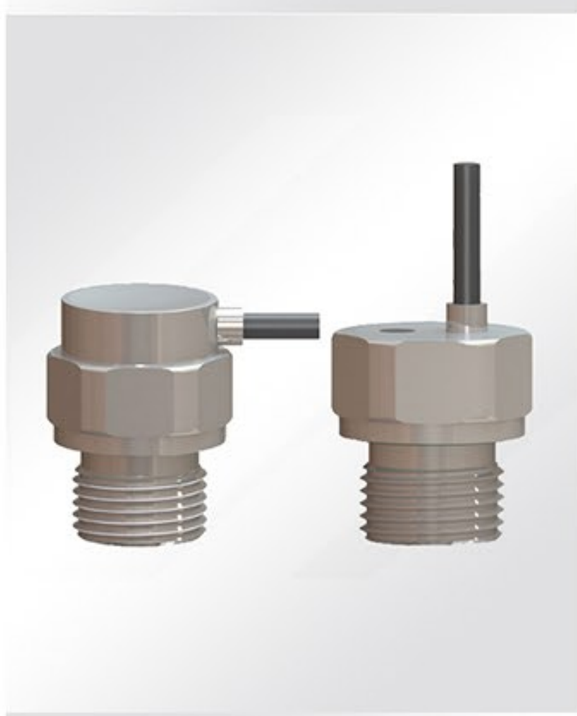
HP10LC Low-power Digital Pressure Sensor

Pressure Range: -100kPa...0 ~ 10kPa...100MPa(Gauge), 0 ~ 20kPa...10MPa(Absolute)
Accuracy: ±0.5%(Typical), ±0.25%(Optional)
Supply: 3~5.5VDC
Output: I2C
Normal Mode Current: ≤3mA
Sleep Mode Current: ≤100nA
Electrical Connection: Wire or Customized
Size: Φ19mm



HP10BL Low-power Pressure Sensor

Pressure Range: -100kPa…0~10kPa…100MPa(Gauge), 0~20kPa…10MPa(Absolute)
Pressure Overload: 150%FS
Accuracy: ±0.5%FS
Supply: External Li-Battery
Output: I2C、RS485、0.5~2.5V etc
Electrical Connection: Wire or Customized
Upper Connecting Thread: M25×1 or M27×2
Process Connection: G1/4, G1/2, M20×1.5 etc



HPM1330LC Low Power Pressure Sensor

Pressure Range: 0~1...50bar
Overload: 150%FS
Accuracy:+0.5%FS, +1.0%FS
Long-term stability: 0.5% fs/year
Power supply: 3 ~ 5VDC or as required by customers
Output signal: 12C, RS485 or voltage signal
Power consumption current:< 2.5mA
Pressure interface: G1/4, NPT1/4, etc,
Working temperature: -40~85°C



HPM240L Low Power Temperature Transmitter

Pressure range: -100kPa...0~10kPa...100MPa
Accuracy: ±0.5%FS(typical); ±0.25%FS(optional)
Working temperature: -30~70℃
Medium temperature: -40~125℃
Output signal: RS485
Power supply: 3.1~8VDC(Li-ion battery) or 5VDC, 24VDC
Electrical connection: M20*1.5 female

Performance



HPM410LC Low Power Level Transmitter

Measurement range: 0~0.5...5mH_2O(I^2C)

Accuracy: ±0.5%FS

Working temperature: -40~85℃

Medium temperature: -40~85℃

Output signal: I^2C

Power supply: 3.0~5.5VDC

Protection Grade: IP68



HPM420L Low Power Level Transmitter

Measurement range: 0~0.5...10mH_2O

Accuracy: ±0.5%FS

Working temperature: -30~70℃

Medium temperature: -40~100℃

Output signal: RS485

Power supply: 3.1~8VDC(Li-ion battery) or 24VDC

Electrical connection: M20*1.5 Female

Protection Grade: IP65(Transmitter); IP68(Sensor)



HTM208L Low Power Temperature Transmitter

Sensor: PT100, PT1000

Temperature Range: -50...0~100...500℃

Accuracy: ±0.5℃(-50℃≤Range≤100℃)

±1.0℃ (-50℃≤Range≤300℃)

±3.0℃ (-50℃≤Range≤500℃)

Working temperature: -30~70℃

Output signal: RS485

Power supply: 3.1~8VDC(Li-ion battery) or 5VDC, 24VDC

Electrical connection: Cable gland



HPTM420L Low-power Integrated Sensor For Liquid Level And Temperature

Liquid Level Range: 0~0.5…10mH_2O

Temperature Range: -40~100℃

Accuracy: ±0.5%FS(Liquid Level), ±0.4℃(Temperature)

Supply: Built In 3.6V Li-Battery

Output: RS485

Standby Current: <20uA

Electrical Connection: Cable Entry

Probe Diameter: Φ27mm

Performance



HDM1100 Simple Single Loop Digital Display Controller

Accuracy: ±0.3%FS
Input signal: Thermocouple, resistance, voltage, current, etc
Output signal: 4~20mADC, 1~5VDC, 0~10VDC, etc
Alarm: 1 way alarm, 2 way alarm, no alarm optional
Feed output: 1 way DC 24V
Power supply: AC/DC 100-240V; DC 12-36V
Working temperature: -10~50°C



HDM1300 Single Loop Digital Display PID Controller

Accuracy: ±0.3%FS
Input signal: Thermocouple, resistance, voltage, current, etc
Output signal: Current, voltage, PID control
Alarm: 1 way alarm, 2 way alarm, no alarm optional
Feed output: 1 way DC 24V
Power supply: AC/DC 100~240V; DC 12~36V
Working temperature: -10~50°C



HDM5101 Intelligent Digital Display Light Column Controller

4 way water column digital controller
Accurate: ±0.2%FS
Input Signal: Current, voltage, resistance, thermocouple
Output: Current, Relay, PID control
Alarm: 4 way alarm optional
Protocal: RS485 optional
Feed Supply: DC 24V, 1 way optional
Power supply: 86~265VAC/ 24VDC
Working temperature: -10~50°C



HDM5200 Dual-loop Digital Display Controller

Accurate: ±0.2%FS
Output signal: two way current or voltage can be selected
Input signal: Current, voltage, resistance, thermocouple
Alarm: 4 way alarm optional
Protocal: RS485, RS232 optional
Feed Supply: DC 24V±1V, 2 way optional
Power supply: AC/DC 100~240V; DC 12~36V
Working temperature: -10~50°C



HDM5740 4 Loops Display PID Controller

4 loops LED display in one screen
Accurate: ±0.2%FS
Output signal: Current, Relay, PID control
Input signal: Current, voltage, resistance, thermocouple
Alarm: 4way alarm optional
Protocal: RS485, RS232 optional
Feed Supply: DC 24V±1V, 2 way optional
Power supply: AC/DC 100~240V; DC 12~36V
Working temperature: -10~50°C

Performance



HWM520 Guided Wave Radar Level Meter

Transmission Frequency: 1.8GHz
Measuring Range:6m,15m,30m
Accuracy: ±1mm
Supply Voltage: 24VDC, 220VAC
Output Signal: 4~20mADC, HART, RS485
Medium Temperature: -30~80℃(Typical), -30~150℃(Optional)， -30~260℃(Optional)
Process Connection: Screw Thread、Tri-Clamp or Flange
Endurance Pressure: 0.3MPa(Typical), 2MPa(Optional), 4MPa(Optional)



HWM510 26GHZ High Frequency Radar Level Meter

Measuring range: 0~30M
Medium: Liquid
Blind area: 0.35~0.5m
Accuracy: ±1mm
Output signal: 4-20mADC, HART, RS485 can be customized
Process Pressure: 1~3bar
Medium temperature: -30~100°C
Power supply: 12VDC, 24VDC, 220VAC



HWM500 80GHZ High Frenquency Radar Level Meter

Measuring Range: 0~120m
Medium: Liquid or Solid
Accuracy: ±1mm
Output signal: 4-20mADC,HART,RS485 can be customized
Working pressure: -0.1~0.3mpa
Power supply: 24VDC



HWU30 Integrated Ultrasonic Level Meter

Measuring range: 0~0.25m...30m
Medium: Water only, no steam, no foam
Blind area: 0.35~0.5m
Accuracy: ±0.2%FS
Output signal: 4~20mADC, HART, RS485 can be customized
LCD dislay, resolution 1mm
Procee pressure: 1bar
Environment temperature: 0~50°C
Power supply: 12VDC, 24VDC, 220VAC　　Protection grade: IP65



HWU32 Split-type Ultrasonic level Meter

Measuring range: 0~0.25m...40m
Medium: Water only, no steam, no foam
Blind area: 0.35~0.5m
Accurate: ±0.2%FS
Output signal: 4~20mADC, HART, RS485 can be customized
LCD dislay, resolution 1mm
Procee pressure: 1bar
Environment temperature: -20~50°C
Power Supply: 12VDC, 24VDC, 220VAC　　Protection grade: IP65

Performance



HWM501 80G Radar Level Meter

Transmission Frequency: 79GHz
Measuring Range: 0 ~ 30m
Accuracy: ±0.02%F.S.
Supply Voltage: 24VDC
Output Signal: 4 ~ 20mADC, RS485
Medium Temperature: -25 ~ 60℃
Process Connection: G1.5
Material: PP
Endurance Pressure: -1 ~ 3bar



HWM502 80G Radar Level Meter

Transmission Frequency: 79GHz
Measuring Range: 0 ~ 30m
Accuracy: ±0.02%F.S.
Supply Voltage: 24VDC
Output Signal: 4 ~ 20mADC, RS485
Medium Temperature: -25 ~ 60℃
Process Connection: G2
Material: PTFE
Housing Material: 304Stainless Steel



HWM11 Microwave Level Switch

Supply Voltage: 12~30VDC
Medium Temperature: -10~115℃
Switch Type: PNP/NPN
Material: 316L(Housing), PEEK(Sensor Cover)
Electrical Connection: M12×1
Process Connection: G1/2
Endurance Pressure: 100bar



HYM280 RF Admittance Level Switch

Supply Voltage: 24VDC or 220VAC
Medium Temperature: Normal:-40~120°c, Middle: up to 260'c, High: up to 350°
Switch Type: DPDT
Probe Material: SS304 with PTFE, SS316 can be customized
Electrical Connection: M20x1.5 female
Process Connection: Screw Thread、Tri-Clamp or Flange
Endurance Pressure: Atmospheric Pressure
Protecion Grade: IP66, IP67



HYM610 Tuning Fork Switch

Supply Voltage: 24VDC or 220VAC
Medium Temperature: -40~130℃
Switch Type: Relay
Fork Material: 304 or 316L
Electrical Connection: Cable Entry
Process Connection: Screw Thread、Tri-Clamp or Flange
Endurance Pressure: 20bar

Performance



HFM100 Electromagnetic Flowmeter

Nominal diameter: DN10-DN1200(others can be customized)
Medium: Fluid conductivity ≥5μs/cm
Lining Material: Rubber, PTFE
Electrode Material: SS316L, Ti/TA/HC can be customized
Working Temperature: Sensor: -25~180°C, transmitter: -10~80°C
Working Pressure: 1.0Mpa~2.5Mpa, higher pressure can be customized
Accuracy: 0.5 Grade
Output Signal: Pulse, 4~20mADC, RS485, HART can be customized
Power supply: 24VDC or 220VAC can be selected



HFM200 Vortex Flowmeter

DN: DN15-DN300
Material: 1Cr18Ni9T; customized
Accuracy: ±1%FS, ±1.5%FS; Plug-in: ±2.5%FS
Medium Temperature: Piezoelectric: -40~150℃, -40~260℃, 40~330℃
Capacitance : -40~400℃, -40~500℃
Power supply: Sensor: DC+12VDC, DC+24VDC;
Transmitter: DC+12VDC, DC+24VDC
Battery supply type: 3.6VDC
Output Signal: 4~20mADC, Pulse, RS485



HFM400 Metal Tube Float Flow Meter

Process Connection: Flange DN15~DN150 or tri-clamp
Flow Range: Liquid 1~150000L/h; Gas 0.05~3000m /h
Accuracy: 1.5 level(typical); 1.0 level (optional)
Power supply: 24VDC, 220VAC, Battery Supply
Output Signal: 4~20mADC, relay, etc
Material: 304, 316L or Ti
Display: Mechanical Pointer or LCD



HFM550 Thermal Gas Mass Flowmeter

Medium: Various Gases(Excluding Ethyne)
DN: DN10~DN4000
Flow Velocity Range: 0.1~100Nm/s
Accuracy: ±1%~±2.5%FS
Working Temperature: -40~220℃(Sensor), -20~45℃(Transverter)
Supply Voltage: 24VDC或220VAC
Output Signal: 4~20mADC, Pulse, RS485
Structure: Plug-in or Pipelined



HFM900 Turbine Flowmeter

Nominal diameter: DN4-DN200
Medium: Liquid
Medium Temperature: -20~120°C
Environment Temperaure: -20~55°C
Working Pressure: DN4-DN: Thread connection, pressure≤6.3Mpa
DN50-DN200: Flange connection, pressure≤2.5Mpa
Accurate: 0.5Grade
Output Signal: pulse, 4-20mADC, RS485, HART can be customized
Power supply: 5-24VDC

Performance



HFM500 Thermal Flow Switch

Medium: Water, oil, gas

Measuring Range: 1~150cm/s(water), 3~300cm/s(oil), 20~2000cm/s(gas)

Output Signal: Relay, PNP, NPN

Switch Current: ≤1ADC(relay), ≤400mADC(PNP/NPN)

Medium Temperature: -20~80℃

Power supply: 24VDC, 220VAC can be customized

Electrical Connection: M12*1, cable



HFM510 Thermal Flow Switch

Measuring medium: Water, oil and gas

Pressure proof: 100bar

Initialization time: 18s

Display: 4 digital LED

Response time: 1...15s, typical 2s

Power supply: 24VDC(18~32VDC)

No-load current: <80mADC

Output type: 2-way PNP/2-way NPN/1-way relay /2-way PNP+analog 4~20mADC

Loading capacity: 150mADC max(PNP); 1ADC max(relay) ; 500Ω max(4~20mA)



FS Flow Switch

Measuring Medium: Water, Gas, Oil

Output Signal: Magnetic Sensitive Switch

Contact Capacity: 24VDC/220VAC, 400mADC

Maximum Working Pressure: 400bar

Level Of Protection: IP65

Medium Temperature: -20~110℃

ElectricalConnection: PG9 DIN43650



FS20 Piston Flow Switch

Medium: Water、Oil、Gas

Output Signal: Magnetic Sensitive Switch

Switch Current: ≤100mA

Medium Temperature: -20~90℃

Electrical Connection: M12×1

Switch Status Indicator: LED Light

Process Connection: G1/4, G3/8, G1/2, G3/4, G1

Housing Material: Aluminum, Copper, Stainless Steel



FS20D Piston Flow Switch

Medium: Water、Oil、Gas

Output Signal: Magnetic Sensitive Switch

Switch Current: ≤100mA

Medium Temperature: -20~90℃

Electrical Connection: M12×1

Switch Status Indicator: LED Light

Process Connection: G1/4, G3/8, G1/2, G3/4, G1

Housing Material: Aluminum, Copper, Stainless Steel

Performance



HA1N Single Axis Acceleration Sensor

Measuring Range: ±50g (can be customized)

Sensitivity(25°C): 100mv/g (160Hz)

Frequency response(±10%): 1~9000Hz

Power supply: 18VDC~28VDC(constant-current source)

Working Temperature: -40~120°C

Body material: SS304

Electronic output: MIL5015 two pin,M12 can be customized



HA1C Axis Acceleration Sensor

Measuring Range: ±50g (can be customized)

Output signal: 4~20mADC

Power supply: 15VDC~30VDC (Standard 24VDC)

Working Temperature: -40~85°C

Body material: SS304

Electronic output: MIL5015 two pin,M12 can be customized



HA3N Triaxial Acceleration Sensor

Measuring Range(peak value): ±50g (can be customized)

Sensitivity(25°C): 100mv/g(160HZ)

Frequency response(±10%): 1~4,000Hz(±10%)

Power supply: 18VDC~28VDC(constant-current source)

Operating Temperature: -40~120°C

Body Material: Titanium Alloy

Electronic Output: MIL5015 four pin,M12 can be customized



HA3M Miniature Triaxial Acceleration Sensor

Measuring Range(peak value): ±500g (can be customized)

Sensitivity(25°C)(±5%): 10 mVDC/g(160Hz)

Frequency response(±10%): 1~5,000Hz

Power supply: 18VDC~28VDC(constant-current source)

Operating Temperature: -40~120°C

Body Material: SUS 304

Electronic Output: 1/4-28 four pin, cable BNC terminal

Performance



HS1V Single Axis Velocity Sensor

Measuring range (peak value): 1270mm/s (can be customized)

Sensitivity (25℃)(5%): 4.0mVDC/mm/sec

Frequency response: 5~1,000Hz (1dB); 4~4,000Hz(±3dB)

Power supply: 18 VDC~28VDC (constant-current source)

Operating temperature: -40℃~85℃

Body Material: SUS 304

Electronic Output: MIL5015 two pin,M12 can be customized



HS3C Triaxis Vibration Velocity Transmitter

Measuring Range(peak value): 0~20mm/sec (can be customized)

Output: 4~20mADC

Frequency response: 5~1,000Hz(±1dB)

Power supply: 15VDC~30VDC(Common 24VDC)

Operating Temperature: -40℃~85℃

Body Material: SUS 304

Electronic Output: MIL5015 four pin,M12 can be customized



HS3C50-RS485 Triaxis Vibration Velocity sensor

Measuring Range: 0-50mm/s (can be customized)

Frequency: 10~1600Hz

Output signal: RS485

Power supply: 15-30VDC

Working Temperature: -40~150°C

Material:SS304

Electronic Output: cable outlet 1M(customized longer cable)



HJ-U9004 4 Channels Data Acquisition Instrument

Acquisition Channel: 4 channels

Signal input range: ±10VDC PEAK

Max sampling rate: 128KHz/Channel

The Built-in gain: x1,x10,x100

Accuracy: ≤±0.5%FS

Power supply: USB interface self-powered

Tranmission interface: USB2.0

Dimension: 110mm*30mm*126mm