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Focus on Sensors for Harsh Environment

PRODUCT CATALOG

HOLYKELL TECHNOLOGY COMPANY LIMITED

V3.5

" WHO WE ARE

READ MORE

2001
Company Founded

2005
3000㎡ Changsha factory & 1000㎡ modern office established

2010
5000㎡ Gansu factory & Xi'an R&D center established

2015
SGS,TUV factory inspection passed; 20+ Technical patents

2017
IOT wireless solution launched

2020
First 5-Year Plan completed

2022
Self-developed 80G radar level sensor launched

2023
Enterprise-level wireless IoT cloud platform upgraded

120,000+
PRODUCTION CAPACITY

VISION
SENSOR FROM CHINA, LOVED BY WORLD

175+
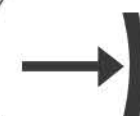EXPORTING COUNTRIES
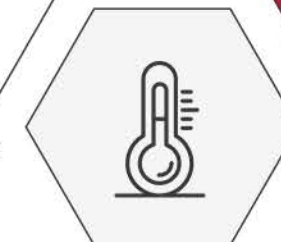
30,000+
SOLUTIONS PROVIDED

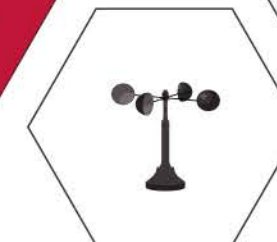## ▌ MAIN PRODUCTS

Liquid Level Sensors

Wireless Sensors

Pressure Sensors

Temperature Sensors

Flow Meters

Environmental monitoring

Controllers & Instruments

CONTENTS

Piezoresistive OEM Pressure Sensor

The A series piezoresistive OEM pressure sensors are imported with high precision and stability,and adopt force sensitive chips and advanced technology, which can be used for military industrial production and equipment manufacturing delicately. They feature international advanced die bonder, gold bonding wire, diaphragm welding, high vacuum oiling, with fatigue aging process and temperature compensation technology adopted.

A12 Gauge and Absolute Piezoresistive OEM Pressure Sensor

☆ Range: 1\1.6\2.5\4\6\10\25\40\60\100MPa
☆ Output :   0mV-50mV~300mV
☆ Power Supply: 1.5mA
☆ Compensated Temperature: -10°C~80°C
☆ Outside Diameter: Φ12.6mm

A19 Gauge and Absolute Piezoresistive OEM Pressure Sensor

☆ Range: 10\20\35\70\100\160\250\400\600KPa
    1\1.6\2.5\4\6\10\25\40\60\100MPa
☆ Output :   0mV-50mV~300mV
☆ Power Supply: 1.5mA
☆ Compensated Temperature: 0~50°C<200KPa(-10~80°C≥200KPa)
☆ Outside Diameter: Φ19mm

A20 Differential Piezoresistive OEM Pressure Sensor

☆ Range: 20\35\70\100\200\350\700KPa
                        1\2\3.5MPa
☆ Output :   0mV-50mV~200mV
☆ Power Supply: 1.5mA
☆ Compensated Temperature: -10°C~80°C
☆ Outside Diameter: Φ19mm

A23 Flat Membrane Piezoresistive OEM Pressure Sensor

☆ Range: 10\20\35\70\100\160\250\400\600Kpa
                        1\1.6\2.5\4MPa
☆ Output :   0mV-50mV~200mV
☆ Power Supply: 1.5mA
☆ Compensated Temperature: -10°C~80°C

mV Signal Output Universal Pressure Sensor

Holykell mV signal output universal pressure sensors are manufactured by using high quality Germany brand strain gage pressure cells with isolated stainless steel diaphragm and high performance circuits. It is highly reliable for long time running with strong anti-interference ability. They are widely used in various industrial automatic control environment, including water conservancy, hydro-power, intelligent building, production control, petrochemical, oil, elevator, electric power, pipeline and so on.

HPS300-C OEM Strain Gage Pressure Sensor (M12 Type)

☆ Pressure range: 0~25 bar...2000 bar optional
☆ Output :   2mV/V, 3mV/V, 3.3mV/V; 4-20mA; 0-5V optional
☆ Power supply: 10Vdc or 5Vdc(mV); 12-30Vdc(4-20mA, 0-5V)
☆ Pressure port: G1/4", G1/2", 1/4"NPT or by customized
☆ Accuracy :   0.25%F.S, 0.5%F.S
☆ Working temperature: -30°C~80°C

HPS300-S OEM Strain Gage Pressure Sensor (IP67 Cable)

☆ Pressure range: 0~25 bar...2000 bar optional
☆ Output :   2mV/V, 3mV/V, 3.3mV/V; 4-20mA; 0-5V optional
☆ Power supply: 10Vdc or 5Vdc(mV), 12-30Vdc(4-20mA,0-5V)
☆ Pressure port: G1/4", G1/2", 1/4"NPT or by customized
☆ Accuracy :   0.25%F.S, 0.5%F.S
☆ Working temperature: -30°C~80°C

Universal Industrial Pressure Transmitters

The HPT200 series universal pressure transmitters utilize high-quality imported piezoresistive pressure cells, which are equipped with an isolated stainless steel diaphragm. These transmitters are known for their reliable long-term operation, stable performance, and strong resistance to interference. They find extensive application in diverse industrial automatic control environments, including water conservancy and hydropower, intelligent building systems, production control, petrochemicals, oil, electric power, pipelines, and various other industries.

HPT200-EM Economic Universal Type Industrial Pressure Transmitter

☆ Pressure range: -1 to 1...0 to 0.1...0 to 1000 bar
☆ Output :   4~20mA, 0~5V,1 ~5V, 0-10V
☆ Power supply: 10~30Vdc, 8~30Vdc, 15-30Vdc
☆ Electrical connection: M12×1.0, 4-pin IP67
☆ Pressure port: G1/4", 1/4"NPT, M20×1.5 or by customized
☆ Accuracy :   0.5%F.S, 0.25%F.S
☆ Working temperature: -20°C~85°C, -30°C~85°C
☆ Certificate: CE, Ex ia IIC T6 Ga, ATEX, RoHS

HPT200-EH Economic Universal Type Industrial Pressure Transmitter

☆ Pressure range: -1 to 1...0 to 0.1...0 to 1000 bar
☆ Output :   4~20mA, 0~5V, 1~5V, 0-10V
☆ Power supply: 10~30Vdc, 8~30Vdc, 15-30Vdc
☆ Electrical connection: Hirschmann IP65
☆ Pressure port: G1/4", 1/4"NPT, M20×1.5 or by customized
☆ Accuracy :   0.5%F.S, 0.25%F.S
☆ Working temperature: -20°C~85°C, -30°C~85°C
☆ Certificate: CE, Ex ia IIC T6 Ga, ATEX, RoHS

HPT200-EP Economic Universal Type Industrial Pressure Transmitter

☆ Pressure range: -1 to 1...0 to 0.1...0 to 1000 bar
☆ Output :   4~20mA, 0~5V, 1~5V, 0-10V
☆ Power supply: 10~30Vdc, 8~30Vdc, 15-30Vdc
☆ Electrical connection: Packard 3-pin IP65
☆ Pressure port: G1/4", 1/4"NPT, M20×1.5 or by customized
☆ Accuracy :   0.5%F.S, 0.25%F.S
☆ Working temperature: -20°C~85°C, -30°C~85°C
☆ Certificate: CE, Ex ia IIC T6 Ga, ATEX, RoHS

HPT200-EC Economic Universal Type Industrial Pressure Transmitter

☆ Pressure range: -1 to 1...0 to 0.1...0 to 1000 bar
☆ Output :   4~20mA, 0~5V,1~5V, 0-10V
☆ Power supply: 10~30Vdc, 8~30Vdc, 15-30Vdc
☆ Electrical connection: Directly Outlet Cable IP67
☆ Pressure port: G1/4", 1/4"NPT, M20×1.5 or by customized
☆ Accuracy :   0.5%F.S, 0.25%F.S
☆ Working temperature: -20°C~85°C, -30°C~85°C
☆ Certificate: CE, Ex ia IIC T6 Ga, ATEX, RoHS

HPT200-H Universal Type Industrial Pressure Transmitter

☆ Pressure range: -1 to 1...0 to 0.1...0 to 1000bar
☆ Output :   4-20mA, 0-5V, 0-10V, 0.5-4.5V, RS485
☆ Power supply: 7-30Vdc, 8-30Vdc, 13-30Vdc, 5Vdc
☆ Pressure port: G1/4", 1/4"NPT, M20×1.5 or by customized
☆ Accuracy :   0.1%F.S, 0.25%F.S
☆ Working temperature: -20°C~80°C, -40°C~80°C
☆ Certificate: CE, Ex ia IIC T6 Ga, ATEX, RoHS

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HPT200-C8 Universal Type Industrial Pressure Transmitter

☆ Pressure range: -1 to 1...0 to 0.1...0 to 1000bar
☆ Output :   4-20mA, 0-5V, 0-10V, 0.5-4.5V, RS485
☆ Power supply: 7-30Vdc, 8-30Vdc, 13-30Vdc, 5Vdc
☆ Pressure port: G1/4", 1/4"NPT, M20×1.5 or by customized
☆ Accuracy :   0.1%F.S, 0.25%F.S
☆ Working temperature: -20°C~80°C, -40°C~80°C
☆ Certificate: CE, Ex ia IIC T6 Ga, ATEX, RoHS

HPT200-C5 Universal Type Industrial Pressure Transmitter

☆ Pressure range: -1 to 1...0 to 0.1...0 to 1000bar
☆ Output :   4-20mA, 0-5V, 0-10V, 0.5-4.5V, RS485
☆ Power supply: 7-30Vdc, 8-30Vdc, 13-30Vdc, 5Vdc
☆ Pressure port: G1/4", 1/4"NPT, M20×1.5 or by customized
☆ Accuracy :   0.1%F.S, 0.25%F.S
☆ Working temperature: -20°C~80°C, -40°C~80°C
☆ Certificate: CE, Ex ia IIC T6 Ga, ATEX, RoHS

HPT200-HT (N) High Temperature Sapphire Pressure Transmitter

☆ Pressure range: -1 to 0..0 to 0.1...0 to 2000bar
☆ Output :   4-20mA, 0-5V, 0-10V, 0.5-4.5V, 1~5V
☆ Power supply: 12-30Vdc, 8-30Vdc, 13-30Vdc, 5Vdc
☆ Pressure port: M20X1.5 male or by customized
☆ Accuracy :   0.5%F.S optional
☆ Working temperature: -10°C~300°C, -60°C~200°C
☆ Certificate: CE, Ex ia IIC T6 Ga, ATEX, RoHS

HPT200-HT (M) Industrial High temperature pressure transmitter

☆ Pressure range: -1 to 0..0 to 0.1...0 to 2000bar
☆ Output :   4-20mA, 0-5V, 0-10V, 0.5-4.5V, 1~5V
☆ Power supply: 12-30Vdc, 8-30Vdc,13-30Vdc, 5Vdc
☆ Pressure port: M20x1.5 male or by customized
☆ Accuracy :   0.5%F.S optional
☆ Working temperature: -1°C~150°C
☆ Certificate: CE, Ex ia IIC T6 Ga, ATEX, RoHS

For high temperature applications, additional cooling device can be added to pressure sensor

Different types support different working temperature ranges

300°C   500°C   150-200°C

HPT200-G LED/LCD Indicator Pressure Transmitter

☆ Pressure range: -1 to 0...0 to 1000bar
☆ Output :   4-20mA, 0-5V, 1~5V
☆ Power supply: 7-30Vdc, 12-30Vdc
☆ Pressure port: 1/4"NPT male, 1/2"NPT Female, G1/2"
                           G1/4"male or by customized
☆ Accuracy :   0.25%F.S, 0.5%F.S
☆ Working temperature: -20°C~80°C, -40°C~80°C
☆ Certificate: CE, Ex ia IIC T6 Ga, ATEX, RoHS

HPT200-EX Industrial Explosion-proof Type Pressure Transmitter

☆ Pressure range: -1 to 0...0 to 0.1...0 to 600bar
☆ Output :   4-20mA, 0-5V, 0-10V, 0.5-4.5V, RS485
☆ Power supply: 7-30Vdc, 8-30Vdc, 13-30Vdc, 5Vdc
☆ Pressure port: G1/4"male, G1/2"male, 1/4"NPT male,
                        1/2"NPT male/female
☆ Accuracy :   0.1%F.S, 0.25%F.S, 0.5%F.S
☆ Working temperature: -20°C~80°C, -40°C~80°C
☆ Certificate: CE, Ex ia IIC T6 Ga, ATEX, RoHS

HPT200-PT OEM Industrial Pressure & Temperature Transducer & Transmitter

☆ Pressure range: -1-0- 4...100 bar
☆ Output :   Double 4-20mA, double 0~5V, 1~5V, 0-10V,
                        RS485 Modbus RTU
☆ Power supply: 12~30Vdc, 10~30V, 15~30Vdc, 7~30Vdc or 3.5-36Vdc
☆ Electrical connection: Direct cable outlet IP67
☆ Pressure port: M30×1.5 male
☆ Accuracy :   ≤±0.5%F.S,≤±0.25%F.S
☆ Working temperature: -40°C~80°C

HPT200-VF Anti-corrosive Industrial Pressure(Level) Transducer & Transmitter

☆ Pressure Range: 0-0..5bar...50bar
☆ Output: 4-20mA, 0-5V, 1-5V, 0-10V, RS485 Modbus RTU
☆ Power Supply: 7-30Vdc, 8-30Vdc, 13-30Vdc
☆ Electrical connection: Direct cable outlet IP67
☆ Pressure port: G1/2" male
☆ Accuracy: ±0.5%F.S
☆ Working Temperature: -30°C~85°C

HPT200-SG Strain Gage Pressure Transducer & Transmitter

☆ Pressure Range: 0 to 10 to 2000 bar
☆ Output: 4-20mA, 0-5V, 1-5V, 0-10V, RS485 Modbus RTU
☆ Power Supply: 10~30Vdc, 8~30V, 15~30Vdc
☆ Electrical connection: DIN43650 Hirschmann, 4-pin,direct cable outlet
☆ Pressure port: G1/4"male, 1/4"NPT male (P≤1000bar), 1/2"NPT, G1/2"male
☆ Accuracy: ≤±0.5%F.S
☆ Working Temperature:-40°C~85°C

CPT19 I²C Thread Piezoresistive OEM Pressure Sensor

☆ Range: -100Kpa...0kpa...150kpa
☆ Output :   I²C, 0.5-4.5V
☆ Power Supply: 5±0.1Vdc, 3.3±0.1Vdc
☆ Accuracy: ±0.5%FS(Pressure), ±0.5°C(Temp)
☆ Operating temperature: -30°C~85°C

HPS19 Universal Industry Pressure Sensors

☆ Range: -1 to 1..0 to 0.1...0 to 1000
☆ Output: 0-30mV…350 mV
☆ Power Supply: 1.5mA or 12Vdc
☆ Accuracy: ±0.5%F.S, ±0.25%F.S
☆ Working Temp: -40°C~85°C

HPT200-CD Explosion Proof Pressure Sensor with Display

☆ Range: -1~0~0.1bar...1000 bar optional
☆ Output: 4-20mA, 0~5V, 1-5V, 0-10V
☆ Power Supply: 12~30Vdc, 15-30Vdc
☆ Pressure Port: 1/2"NPT male, 1/4"male, G1/2"male, M20x1.5
                           male or by customized
☆ Accuracy: ≦±0.5%F.S, ≦±0.25%F.S (customized)
☆ Certificate: CE, Ex ia IIC T6 Ga, ATEX, RoHS
☆ Working temperature: -20°C~80°C, -40°C~80°C

MPS1000 Micro-pressure Gas Source

☆ Measuring range: 0-50kpa...600kpa(Gauge) ;
                                -92-600kpa(Negative)
☆ Min. controllable adjustment: 1 Pa
☆ Applications: Calibration of pressure or
                                differential pressure transmitters

H2601 GPRS/4G/LoRa/LoRaWAN/Bluetooth Wireless Pressure Sensor

☆ Pressure range: 0~100MPA optional
☆ Power supply: 3.6V/5-36VDC
☆ Working temperature: -30°C~70°C(Medium does not crystallize)
☆ Accuracy :   0.5%F.S/0.25%F.S/0.1%F.S
☆ IP rating: IP68
☆ Certificate: CE, RoHs, Ex ia IIC T6 Ga
☆ Communication: GPRS/4G/LoRa/LoRaWAN/Bluetooth

CWY122 Digital Pressure Gauge

☆ Measuring range: 0~100MPA optional
☆ Output: 3.6V/5-36VDC
☆ Power supply: -30°C~70°C(Medium does not crystallize)
☆ Electrical connection: 0.5%F.S/0.25%F.S/0.1%F.S
☆ Pressure port: IP68
☆ Accuracy: CE, RoHs, Ex ia IIC T6 Ga
☆ Applications: GPRS/4G/LoRa/LoRaWAN/Bluetooth

OEM Refrigeration Pressure Transducers

The HPT300-C pressure transducers incorporate imported ceramic sensors, specifically designed to meet the highest quality standards. It possesses exceptional resistance to commonly used refrigerants, making it an ideal choice for refrigeration, air-conditioning, and HVAC/HVACR systems. With its economical price and outstanding low-temperature performance, HPT300-C offers optimal functionality in these applications.

HPT300-C1 OEM Refrigeration Pressure Transducers

☆ Pressure range: -1 to 0 ...0 to 200bar
☆ Output :   4-20mA, 0-5V, 0-10V, 0.5-4.5V
☆ Power supply: 7-30Vdc, 8-30Vdc, 13-30Vdc, 5Vdc±5%
☆ Pressure port: G1/4", 1/4"NPT, M20×1.5 or by customized
☆ Accuracy :   ≤±1.5%F.S(min);≤±1.0%F.S(typical); ≤±0.5%F.S(max)
☆ Working temperature: -40℃~105℃(CR O-ring);-40℃~135℃(HNBR O-ring); -20℃~135℃(FKM O-ring)
☆ Certificate: CE, Ex ia IIC T6 Ga, ATEX, RoHS

HPT300-C2 OEM Refrigeration Pressure Transducers

☆ Pressure range: -1 to 0 ...0 to 200bar
☆ Output :   4-20mA, 0-5V, 0-10V, 0.5-4.5V
☆ Power supply: 7-30Vdc, 8-30Vdc, 13-30Vdc, 5Vdc±5%
☆ Pressure port: 7/16-20UNF Female, 1/4"NPT or by customized
☆ Accuracy :   ≤±1.5%F.S(min);≤±1.0%F.S(typical); ≤±0.5%F.S(max)
☆ Working temperature: -40℃~105℃(CR O-ring);-40℃~135℃(HNBR O-ring); -20℃~135℃(FKM O-ring)
☆ Certificate: CE, Ex ia IIC T6 Ga, ATEX, RoHS

HPT300-C3 Compact HVAC/HVACR Pressure Transmitter

☆ Pressure range: -1-0-10 bar...65bar, sealed pressure; 0-10...50bar absolute pressure optional
☆ Output :   0.5~4.5V ratiometric
☆ Power supply: 5Vdc±5%
☆ Electrical connection: Packard Metri-Pack 3-pin connector
☆ Pressure port: 7/16-20 UNF-2B Female
☆ Accuracy :   ±1.0%F.S
☆ Working temperature: -35°C~105°C

HPT300-C4 Air Compression Pressure Transducer & Transmitter

☆ Pressure range: -1-10~40bar
☆ Output :   4~20mA
☆ Power supply: 10~30Vdc
☆ Electrical connection: 3-pin connector
☆ Pressure port: G1/4"
☆ Accuracy :   1.0%F.S
☆ Working temperature: -40°C~85°C

HPT300-C5 Pressure Transmitter For Frequency Conversion Water Supply

☆ Pressure range: -1-10~40bar
☆ Output :   0.5~4.5V ratiometric
☆ Power supply: 5Vdc
☆ Electrical connection: Direct cable outlet
☆ Pressure port: G1/4"
☆ Accuracy :   1.0%F.S
☆ Working temperature: -40°C~85°C

OEM Compact Pressure Transducers

HPT300-S series is a compact OEM pressure transducer designed for various applications. It features imported ceramic sensors, ensuring excellent burst and overpressure protection. This transducer is known for its reliable long-term operation, stable performance, strong resistance to interference, and an impressive lifespan of up to 8 million pressure cycles. It is common in diverse fields such as air compressors, hydraulic systems, water supply systems, variable frequency water supply, braking systems, engine oil pressure measurement, and gas pressure measurement.

HPT300-S3 IP65 Universal Application OEM Type (DIN43650 A)

☆ Pressure range: -1 to 1...0 to 0.1…0 to 600bar
☆ Output :   4-20mA, 0-5V, 0-10V, 0.5-4.5V
☆ Power supply: 7-30Vdc, 8-30Vdc, 13-30Vdc, 5Vdc±5%
☆ Pressure port: 1/8"NPT male, 1/4"NPT male, 1/4"NPT Female,
    G1/2" male, G1/4"male/female, 7/16"-20 UNF male
☆ Accuracy :   1.0%F.S, 0.5%F.S
☆ Working temperature: -20°C~80°C, -40°C~80°C
☆ Certificate: CE, RoHS

HPT300-S1 Water Supply Application

☆ Pressure range: -1 to 1...0 to 0.1…0 to 600bar
☆ Output :   4-20mA, 0-5V, 0-10V, 0.5-4.5V
☆ Power supply: 7-30Vdc, 8-30Vdc, 13-30Vdc, 5Vdc±5%
☆ Pressure port: 1/8"NPT male, 1/4"NPT male, 1/4"NPT Female,
    G1/2" male, G1/4"male/female, 7/16"-20 UNF male
☆ Accuracy :   1.0%F.S, 0.5%F.S
☆ Working temperature: -20°C~80°C, -40°C~80°C
☆ Certificate: CE, RoHS

HPT300-S4 IP67 Universal Application OEM Type (M12 Connector)

☆ Pressure range: -1 to 1...0 to 0.1…0 to 600bar
☆ Output :   4-20mA, 0-5V, 0-10V, 0.5-4.5V
☆ Power supply: 7-30Vdc, 8-30Vdc, 13-30Vdc, 5Vdc±5%
☆ Pressure port: 1/8"NPT male, 1/4"NPT male, 1/4"NPT Female,
    G1/2" male, G1/4"male/female, 7/16"-20 UNF male
☆ Accuracy :   1.0%F.S, 0.5%F.S
☆ Working temperature: -20°C~80°C, -40°C~80°C
☆ Certificate: CE, RoHS

HPT300-S2 IP67 Universal Application OEM Type

☆ Pressure range: -1 to 1...0 to 0.1…0 to 600bar
☆ Output :   4-20mA, 0-5V, 0-10V, 0.5-4.5V
☆ Power supply: 7-30Vdc, 8-30Vdc, 13-30Vdc, 5Vdc±5%
☆ Pressure port: 1/8"NPT male, 1/4"NPT male, 1/4"NPT Female,
    G1/2" male, G1/4"male/female, 7/16"-20 UNF male
☆ Accuracy :   1.0%F.S, 0.5%F.S
☆ Working temperature: -20°C~80°C, -40°C~80°C
☆ Certificate: CE, RoHS

Differential Pressure Transmitters

Differential pressure transmitters are sophisticated instruments used to measure the difference in pressure between two points or across a device or system. The sensing element detects the pressure difference, and the transmitter converts it into an electrical signal, which is then transmitted and utilized for monitoring, control, or data acquisition purposes, commonly used in filter monitoring, hydraulic, flow, water/waste water applications, as well as factory or pneumatic air, pitot tubes, air speed and other industrial applications. The solid state silicon core and all stainless steel wetted parts provide long, reliable service life with excellent long term stability.

HPT700-G Compact Differential Pressure Transmitter (LED)

☆ Pressure range: 10~50KPa, 51~100KPa,101~200KPa, 201~1000KPa
☆ Output :   4~20mA, 0~5V, 0~10V, 1-5V, RS485 optional
☆ Power supply: 7~30Vdc, 8~30Vdc, 15~30Vdc
☆ Pressure port: G1/4"male, G1/2"Male, 1/4"-18 NPT Female by customized
☆ Accuracy :   0.5%F.S, 1%F.S
☆ Working temperature: -35°C~85°C
☆ Certificate: CE, Ex ia IIC T6 Ga, ATEX, RoHS

HPT700-H Compact Differential Pressure Transmitter (DIN43650 A)

☆ Pressure range: 10~50KPa, 51~100KPa,101~00KPa, 201~1000KPa
☆ Output :   4-20mA, 0-5V, 1-5V, 0-10V, I²C, RS485 MODBUS
☆ Power supply: 7-30Vdc, 8-30Vdc, 15-30Vdc, 3.3-5.5Vdc
☆ Pressure port: G1/4"male; G1/2"Male; 1/4"-18 NPT Female by customized
☆ Accuracy :   0.5%F.S, 0.25%F.S
☆ Medium Temperature.: -40°C~85°C, -40°C~125°C(with cool device)
☆ Certificate: CE, Ex ia IIC T6 Ga, ATEX, RoHS

HPT701 Standard Industry Air Differential Pressure

☆ Pressure range: 0-100Pa...200KPa max or ±100Pa...200KPa
☆ Output :   4~20mA, 0~5V, 0~10 V, 0.5-4.5V, RS485
☆ Power supply: 8-30V/24-30V, 8-30V/24-30V, 5Vdc
☆ Pressure port: Ø6/Ø8 gas mouth,quick connector
☆ Accuracy :   0.5%F.S; 0.25%F.S
☆ Working temperature: -10°C~80°C
☆ Certificate: CE, Ex ia IIC T6 Ga, RoHS

HPT700-S Compact Differential Pressure Transmitter

☆ Pressure range: 10~50KPa, 51~100KPa, 101~200KPa, 201~1000KPa
☆ Output :   4-20mA, 0-5V, 1-5V, 0-10V, I²C, RS485 MODBUS
☆ Power supply: 7-30Vdc, 8-30Vdc, 15-30Vdc, 3.3-5.5Vdc
☆ Pressure port: G1/4"male, G1/2"Male, 1/4"-18 NPT Female by customized
☆ Accuracy :   0.5%F.S, 0.25%F.S
☆ Medium Temperature.: -40°C~85°C, -40°C~125°C(with cool device)
☆ Certificate: CE, Ex ia IIC T6 Ga, ATEX, RoHS

HPT702 LCD/LED Differential Pressure Transmitter

☆ Pressure range: 0-200kpa max or ±100kpa
☆ Output :   4~20mA, 0~5V, 0~10 V, 0.5-4.5V, RS485
☆ Power supply: 8-30V/24-30V, 5Vdc
☆ Pressure port: Ø6/Ø8 gas mouth,quick connector
☆ Accuracy :   0.5%F.S; 0.25%F.S
☆ Working temperature: -10°C~80°C
☆ Certificate: CE, Ex ia IIC T6 Ga, RoHS

HPT703 Micro-gas Differential Pressure Transmitter

☆ Pressure range: 0-100Pa, 0-250Pa, 0-1250Pa, 0-7500Pa
☆ Output :   4~20mA, 0~5V, 0~10 V, 0.5-4.5V, RS485
☆ Power supply: 10-30Vdc
☆ Pressure port: 3/16" gas mouth with 1/4" hose
☆ Accuracy :   1.0%F.S, 0.5%F.S, 0.25%F.S
☆ Working temperature: -18°C~65°C
☆ Certificate: CE, Ex ia IIC T6 Ga, RoHS

HPT708 Oxygen Services Differential Pressure Transmitter

☆ Pressure range: 10~35 KPa, 35~200 KPa, 200~1000 KPa, 1000~3500 KPa
☆ Max Static Pressure: 200 Bar
☆ Output :   4~20mA, 4~20mA+HART, 0-5V, 0~10 V, RS485
☆ Power supply: 12~30Vdc, 15~30Vdc, 10~30Vdc
☆ Pressure port: 1/4"-18NPT Female hose, G1/4" male,
     G1/2" male or by customized
☆ Accuracy :   0.5%F.S, 0.25%F.S
☆ Working temperature: -40°C~85°C or -40°C~125°C with cooling device
☆ Certificate: CE, Ex ia IIC T6 Ga, ATEX, RoHS

HK71 Smart Direct-mounted Gauge/Absolute Pressure Transmitter

☆ Pressure Range: 0~40000KPa(Gauge), 0~2000KPa(Absolute)
☆ Output: 4-20mA, 4~20mA+Hart
☆ Power supply: 10~36Vdc
☆ Accuracy: ±0.2%, ±0.075%, ±0.1%
☆ Medium Temperature: -40°C~120°C
☆ Certificate: CE, Ex d IIC T6 Ga, Ex ia IIC T4, ATEX, RoHS

HK75 Intelligent Monocrystalline Differential Pressure Transmitter

☆ Pressure Range   0~4000KPa
☆ Output: 4-20mA, 4~20mA+Hart
☆ Power supply: 10~36Vdc
☆ Accuracy: ±0.2%, ±0.075%, ±0.1%
☆ Medium Temperature: -40°C~120°C
☆ Certificate: CE, Ex d IIC T6 Ga, Ex ia IIC T4, ATEX, RoHS

HK76 Monocrystalline Flat Diaphragm/Cylinder Flange Liquid Level Transmitter

☆ Pressure Range: 1~4000KPa
☆ Output: 4-20mA, 4~20mA+Hart
☆ Power supply: 10~36Vdc
☆ Accuracy: ±0.2%, ±0.075%, ±0.1%
☆ Medium Temperature: -40°C~120°C
☆ Certificate: CE, Ex d IIC T6 Ga, Ex ia IIC T4, ATEX, RoHS

HK78 Dual-remote Flat Diaphragm/Cylinder Flange Liquid Level Transmitter

☆ Pressure Range: 1~4000KPa
☆ Output: 4-20mA, 4~20mA+Hart
☆ Power supply: 10~36Vdc
☆ Accuracy: ±0.2%, ±0.075%, ±0.1%
☆ Medium Temperature: -40°C~120°C
☆ Certificate: CE, Ex d IIC T6 Ga, Ex ia IIC T4, ATEX, RoHS

HK51 Economic In-line Smart Process Pressure Transmitter

☆ Pressure range: 0~0.1kPa to 0~40MPa
☆ Output :   4~20mA, Hart Protocol
☆ Display: LCD
☆ Power supply: 12-45Vdc
☆ Pressure port: NPT 1/4, NPT 1/2, M20×1.5
☆ Accuracy :   ±0. 25%, ±0. 5%
☆ Working temperature: -40°C~125°C
☆ Certificate: CE, Ex ia IIC T6 Ga, ATEX, RoHS

HK55 Economic Smart Process Pressure Transmitter

☆ Pressure range: 0-1.6~10MPa
☆ Output :   4~20mA, Hart Protocol
☆ Display: LCD
☆ Power supply: 12-45Vdc
☆ Pressure port: NPT 1/4, NPT 1/2, M20×1.5
☆ Accuracy :   ±0. 25%, ±0. 5%
☆ Working temperature: -40°C~200°C
☆ Certificate: CE, Ex ia IIC T6 Ga, ATEX, RoHS

Melt Pressure Transmitters

The HPT124 series is a wide range of robust mV/V, mA, VDC melt pressure sensors (transducers and transmitters) designed specifically for the harsh, rugged environments of the extrusion and polymer processing industries. From specifying various diaphragm materials to accommodating different port configurations and process connections, Holykell also has the flexibility to tailor products for your unique application.

HPT124-121 Melt Pressure Transducer/transmitter

☆ Pressure range: 0~10 bar...1500 bar; 0~150PSI...20000 Psi optional
☆ Output :   4~20mA, 0~5V/0~10V optional
☆ Power supply: 24Vdc
☆ Electronic wire: 5 pins or 6 pins Connector or Fixed cable
☆ Pressure port: 1/2"-20 UNF Male or by customized
☆ Accuracy :   0.5%F.S
☆ Working temperature: 0°C~350°C
☆ Certificate: CE, Ex ia IIC T6 Ga, RoHS

HPT124-125 Melt Pressure Transducer/transmitter

☆ Pressure range: 0~10 bar...1500 bar; 0~150PSI...20000 Psi optional
☆ Output :   4~20mA, 0~5V/0~10V optional
☆ Power supply: 24Vdc
☆ Thermocouple type: J, K, E, PT100
☆ Electronic wire: 5 pins or 6 pins or Fixed cable
☆ Pressure port: 1/2"-20 UNF Male by customized
☆ Accuracy :   0.25%F.S; 0.5%F.S optional
☆ Working temperature: 0°C~350°C
☆ Certificate: CE, Ex ia IIC T6 Ga, RoHS

HPT124-230 Melt Pressure Transducer / transmitter

☆ Pressure range: 0~10 bar...1500 bar; 0~150PSI...20000 Psi optional
☆ Output :   4~20mA, 0~5V/0~10V optional
☆ Power supply: 24Vdc
☆ Electronic wire: 5 pins or 6 pins or Fixed cable
☆ Pressure port: 1/2"-20 UNF Male by customized
☆ Accuracy :   0.25%F.S; 0.5%F.S optional
☆ Working temperature: 0°C~400°C
☆ Certificate: CE, Ex ia IIC T6 Ga, RoHS

HPT124-233 Melt Pressure Transducer / transmitter

☆ Pressure range: 0~10 bar...1500 bar; 0~150PSI...20000 Psi optional
☆ Output :   4~20mA, 0~5V/0~10V
☆ Power supply: 24Vdc
☆ Thermocouple type: J, K, E, PT100
☆ Electronic wire: 5 pins or 6 pins ,Fixed cable
☆ Pressure port: 1/2"-20 UNF Male by customized
☆ Accuracy :   0.25%F.S; 0.5%F.S optional
☆ Working temperature: 0°C~400°C
☆ Certificate: CE, Ex ia IIC T6 Ga, RoHS

HPS131-121 Melt Pressure Sensors (mV Signal)

☆ Pressure range: 0~10 bar...1500 bar; 0~150PSI...20000 Psi optional
☆ Output :   2mV/V; 3mV/V; 3.3mV/V
☆ Power supply: 10Vdc
☆ Electronic wire: 5 pins or 6 pins or Fixed cable
☆ Pressure port: 1/2"-20 UNF Male by customized
☆ Accuracy :   0.25%F.S; 0.5%F.S optional
☆ Working temperature: 0°C~350°C
☆ Certificate: CE, Ex ia IIC T6 Ga, RoHS

HPS131-301 Melt Pressure Sensors (mV Signal)

☆ Pressure range: 0~10 bar...1500 bar; 0~150PSI...20000 Psi optional
☆ Output :   2mV/V; 3mV/V; 3.3mV/V
☆ Power supply: 10Vdc
☆ Electronic wire: 5 pins or 6 pins, Fixed cable
☆ Pressure port: 1/2"-20 UNF Male by customized
☆ Accuracy :   0.25%F.S; 0.5%F.S optional
☆ Working temperature: 0°C~400°C
☆ Certificate: CE, Ex ia IIC T6 Ga, RoHS

HPS131-230 Melt Pressure Sensors (mV Signal)

☆ Pressure range: 0~10 bar...1500 bar; 0~150PSI...20000 Psi optional
☆ Output :   2mV/V ;3mV/V ;3.3mV/V
☆ Power supply: 10Vdc
☆ Thermocouple type: J, K, E, PT100
☆ Electronic wire: 5 pins or 6 pins or Fixed cable
☆ Pressure port: 1/2"-20 UNF Male by customized
☆ Accuracy :   0.25%F.S; 0.5%F.S optional
☆ Working temperature: 0°C~400°C
☆ Certificate: CE, Ex ia IIC T6 Ga, RoHS

HPS131-321 Melt Pressure Sensors (mV Signal)

☆ Pressure range: 0~10 bar...1500 bar;0~150PSI...20000 Psi optional
☆ Output :   2mV/V; 3mV/V; 3.3mV/V
☆ Power supply: 10Vdc
☆ Thermocouple type: J, K, E, PT100
☆ Electronic wire: 5 pins or 6 pins or Fixed cable
☆ Pressure port: 1/2"-20 UNF Male by customized
☆ Accuracy :   0.25%F.S; 0.5%F.S; 1.0%F.S optional
☆ Working temperature: 0°C~400°C
☆ Certificate: CE, Ex ia IIC T6 Ga, RoHS

Military Pressure Transmitters

HPT900 series offers the advantage of low power consumption while being capable of withstanding frequent pressure shocks and vibrations. It exhibits excellent resilience to high-pressure overload situations. They can be customized to cater to various high-end industrial applications, laboratory testing, hydraulic systems, military equipment, and more.

HPT901 High Frequency Dynamic pressure transducer

☆ Pressure range: -1 to 1...0 to 0.1...0 to 1000bar
☆ Bandwidth: 0~3KHz...200KHz
☆ Output :   4~20mA (Max 3KHz), 0~5V/1~5V (0-200KHz) optional
☆ Power supply: 12Vdc~30Vdc
☆ Pressure port: 1/4"-18NPT Female hose connection; G1/4" male;
                         G1/2" male or by customized
☆ Accuracy :   0.11%F.S; 0.25%F.S; 0.4%F.S optional
☆ Working temperature: -40°C~85°C (Special:-40°C~250°C)

HPT902 Oil Well Application Pressure Transmitters

☆ Pressure range: -1 to 0...0 to 1...0 to 2200bar
☆ Output :   4~20mA, 0~5V/1~5V/0~10V
☆ Power supply: 10~30Vdc,15-30Vdc
☆ Pressure port: G1/2"male, G1"male, M20×1.5 male, M30×1.5 male
☆ Accuracy :   0.1%F.S; 0.25%F.S; 0.5%F.S optional
☆ Working temperature: -40°C~100°C
☆ Application: Oil Field, Slurry, Mining well

HPT903 Smart USB Digital Pressure transmitters

☆ Pressure range: -1~0~0.1 bar...1000 bar optional
☆ Output :   RS485, RS232, USB
☆ Power supply: 10VDC~30VDC; 3.6~5Vdc
☆ Pressure port: G1/4", 1/2"NPT by customized
☆ Accuracy :   0.1%F.S; 0.25%F.S; 0.5%F.S optional
☆ Working temperature: -40°C~85°C

HPT904 Micro Gas Pressure Transducer

☆ Pressure range: 0.1 to 100kPa
☆ Output :   4-20mA, 0-5V/0.5-4.5V/0-10V
☆ Power supply: 12~30Vdc,12~30Vdc,5Vdc,15~30Vdc
☆ Pressure port: M20×1.5 male; Φ8 gas mouth or by customized
☆ Accuracy :   1.0%F.S
☆ Working temperature: -20°C~80°C

HPT906 Compact Hydraulic Pressure Transducer

☆ Pressure range: 0-10Bar.....2000bar
☆ Sensor: Sputtering thin film
☆ Output :   4-20mA, 0-5V/0.5-4.5V
☆ Power supply: 8~32Vdc,8~32Vdc,5Vdc±5%
☆ Pressure port: G1/4" male; 1/4" NPT male or by customized
☆ Accuracy :   0.1%F.S; 0.5%F.S; 0.25%F.S
☆ Working temperature: -40°C~125°C, -55°C~150°C

HPT907C Oil and Gas Pressure Sensor for Universal Application

☆ Pressure range: -1 to 1...0 to 200 bar
☆ Output :   0.5-4.5V
☆ Power supply: 5Vdc±5%
☆ Pressure port: G1/4" male or 1/4"NPT by customized
☆ Electronic connector: Packard 3pins
☆ Accuracy :   1%F.S
☆ Working temperature: -40°C~80°C, -20°C~80°C

HPT907D Economic Pressure Sensor for Universal Application

☆ Pressure range: -1 to 1......0 to 65bar
☆ Output :   4-20mA, 0.5-4.5V ratiometric
☆ Power supply: 12~30Vdc, 5Vdc±5%
☆ Pressure port: G1/4"
☆ Electronic connector: Packard 3pins
☆ Accuracy :   1.5%F.S; 3.0%F.S
☆ Working temperature: -40°C~80°C, -20°C~80°C

PS300 Smart Electronic Pressure Switch

☆ Pressure Range: -1 Bar-1 Bar...1000 Bar/0-2 Psi…15000 Psi
☆ Display: 4 Bits LED display pressure value
☆ Output: One switch with 4~20mA;
                          Two switches with 4~20mA;
☆ Process connector: G1/4" male, G1/2" male, 1/8" NPT male,
                          1/4" NPT male, 1/2" NPT male and female
☆ Switch type: PNP, NPN Optinal
☆ Accuracy :   0.5%F.S optional

PS302 Digital Pressure Switch

☆ Measuring range: 0~1MPa
☆ Output: 4~20mA + PNP/NPN
☆ Power supply: 12~30VDC
☆ Electrical connection: 5-pin aviation plug (M12-5 pins)
☆ Pressure port: M20x1.5
☆ Accuracy: 0.5%F.S
☆ Application: Hydropower,chemical,city water supply,
                          scientific research, HVAC, industrial automation

HTS401 Digital Temperature Switch

☆ Temperature range: -50°C ~ 150°C
☆ Output: 4~20mA + PNP/NPN
☆ Power supply: 12~30VDC
☆ Electrical connection: 5-pin aviation plug (M12-5 pins)
☆ Pressure port: M20x1.5
☆ Accuracy: 0.5%F.S
☆ Application: Industrial automation control, chemical, laboratory
                          equipment,automatic detection, oil & gas

Level Transmitters

Holykell HPT600 Series Level Transmitters are specifically designed to meet the most demanding requirements of level measurement. With their high accuracy, reliability, and excellent resistance to various media, they provide an ideal solution for a wide range of applications, including water treatment, reservoirs, oil refineries, chemical plants, water supply systems, dynamic level measurement and so on.

HPT603 Flange and Thread Mounting Pressure Level Transmitter

☆ Range: 0-0.5m...200m H2O
☆ Output :   4-20mA,1-5V, 0-5V, 0-10V, 0.5-4.5V, RS485 Modbus RTU
☆ Power supply: 7-30Vdc, 8-30Vdc,13-30Vdc, 5Vdc±5%, 3.5-36Vdc
☆ Pressure port: G1/2" male, M20×1.5 male,1/4" NPT male; M10×1 male;
                            Flange mounting, 2", 3", 4"flange or by customized
☆ Accuracy :   0.25%F.S, 0.5%F.S optional
☆ Working temperature: -40°C~80°C
☆ Certificate: CE, ExiaII CT6 Ga, ATEX, RoHS

HPT601 Flush Diaphragm Pressure Level Transmitter

☆ Range: 0 to 0.1 … 0 to 600 bar
☆ Output :   4-20mA, 1-5V, 0-5V, 0-10V, 0.5-4.5V, RS485 Modbus RTU
☆ Power supply: 7-30Vdc, 8-30Vdc, 13-30Vdc, 5Vdc±5%, 3.5-36Vdc
☆ Pressure port: G1/2", G1", M20×1.5 male
☆ Accuracy :   0.25%F.S; 0.5%F.S optional
☆ Working temperature: -40°C~80°C
☆ Certificate: CE, RoHS
☆ Application: Food, Juice, Milk, Sanitary liquid industry

HPT604(A) Universal Submersible Liquid Level Transducers

☆ Range: 0~0.5 M…500 M H2O optional
☆ Output :   4-20mA, 0-5V, 0-10V, 0.5-4.5V, SDI-12, RS485
☆ Power supply: 7-30Vdc, 8-30Vdc, 13-30Vdc, 5Vdc±5%, 12Vdc, 3.5-36Vdc
☆ Accuracy :   0.25%F.S, 0.5%F.S optional
☆ Working temperature: -40°C~80°C
☆ Cable :   PE Cable; PU Cable; FEP Cable
☆ Certificate: CE, RoHS, ATEX
☆ Application: Liquid measuring in tanks, Rivers, Lake, Sea, Well,
                            Tube, Underground water

HPT602 Clamp Mounting Pressure Level Transmitter

☆ Range: 0 to 0.1 … 0 to 600 bar
☆ Output :   4-20mA, 1-5V,0-5V, 0-10V, 0.5-4.5V, RS485 Modbus RTU
☆ Power supply: 7-30Vdc, 8-30Vdc, 13-30Vdc, 5Vdc±5%, 3.5-36Vdc
☆ Pressure port: Clamp Φ50 mm
☆ Accuracy :   0.25%F.S; 0.5%F.S optional
☆ Working temperature: -40°C~80°C
☆ Certificate: CE, RoHS
☆ Application: Food, Juice, Milk, Sanitary liquid industry

HPT604(B5) Submersible Fuel Level Transducers

☆ Range: 0~0.5M…50m fuel level
☆ Output :   4-20mA, 1-5V, 0-5V, 0-10V, 0.5-4.5V, RS485
☆ Power supply: 7-30Vdc, 8-30Vdc, 13-30Vdc, 5Vdc, 12Vdc, 3.5-36Vdc
☆ Medium compatible: Compatible with 304 stainless steel
☆ Accuracy :   1.0%F.S; 0.5%F.S
☆ Working temperature: -30°C~80°C
☆ Cable :   PE Cable; PU Cable; FEP Cable
☆ Certificate: CE, ExiaII CT6 Ga, ATEX, RoHS
☆ Application: Petrol, Diesel, Fuel etc

HPT609 Submersible Pressure Level & Temperature Transmitters

☆ Range: 0-1m…50m
☆ Output :   4-20mA,1-5V, 0-5V, 0-10V, 0.5-4.5V
☆ Power supply: 7-30Vdc, 8-30Vdc, 13-30Vdc, 5Vdc
☆ Medium compatible: 304 Stainless Steel
☆ Accuracy :   1.0%F.S; 0.5%F.S
☆ Working temperature: -40°C~80°C
☆ Certificate: CE, ExiaII CT6 Ga, ATEX, RoHS
☆ Application: Liquid treatment, Waterworks, Fuel
                                 Petrochemical industry

HPT604-BH Highly Precise & Stable Submersible Analog & Digital Pressure Fuel Level Transmitter

☆ Range: 0~0.5M…200m fuel level
☆ Output :   4-20mA, 0-5V, 0-10V, 0.5-4.5V, SDI-12, RS485
☆ Power supply: 7-30Vdc, 8-30Vdc, 13-30Vdc, 5Vdc, 12Vdc, 3.5-36Vdc
☆ Medium compatible: Compatible with 304 stainless steel
☆ Accuracy :   ±0.25%F.S
☆ Working temperature: -30°C~80°C
☆ Cable :   PE Cable; PU Cable; FEP Cable
☆ Certificate: CE, ExiaII CT6 Ga, ATEX, RoHS

HPT 604-BL Submersible Gasoline Level Transmitters

☆ Range: 0-1m…20m
☆ Output: 4-20mA, 1-5V, 0-5V, 0-10V, 0.5-4.5V, RS485 Modbus RTU
☆ Power supply: 7-30Vdc, 8-30Vdc, 13-30Vdc, 5Vdc, 3.5-36Vdc
☆ Electrical connection: Direct cable outlet IP68
☆ Accuracy: Better than ±0.25%F.S
☆ Working temperature: -30°C~80°C

HPT604-BM Fuel Tank Outside Bottom Mounting Pressure Level Transducer

☆ Range: 0-0.1Bar…2 Bar / 0-1M…20m Optional
☆ Output: 4-20mA, 0-5V, RS485 Modbus RTU
☆ Power supply: 7-30Vdc, 8-30Vdc, 3.5-36Vdc
☆ Accuracy: 0.5%F.S; 1.0%F.S
☆ Working Temperature: -40°C~80°C

HPT604-BS Submersible Fuel Level Transmitter with Magnetic Suction End Cap

☆ Range: 0~0.5M…50m fuel level
☆ Output :   4-20mA, 1-5V, 0-5V, 0-10V, 0.5-4.5V, RS485
☆ Power supply: 7-30Vdc, 8-30Vdc, 13-30Vdc, 5Vdc, 3.5-36Vdc
☆ Medium compatible: Compatible with 316L stainless steel
☆ Accuracy :   1.0%F.S; 0.5%F.S
☆ Working temperature: -30°C~80°C
☆ Cable :   PE Cable; PU Cable; FEP Cable
☆ Certificate: CE, ExiaII CT6 Ga, ATEX, RoHS
☆ Application: Petrol, Diesel, Fuel etc

HPT 604-FC Anti-corrosive Submersible Level Transducer & Transmitter

☆ Range: 0 to 2…2 to 10 m
☆ Output :   4-20mA, 0-5V, 0-10V, 0.5-4.5V, RS485 Modbus RTU
☆ Power supply: 7~30Vdc, 8~30V,15~30Vdc, 5Vdc, 10~30Vdc
☆ Electrical connection: Direct cable outlet IP68
☆ Accuracy :   ≤±0.5%F.S
☆ Working temperature: -30°C~70°C

HPT604-FW Submersible Water Detector and Fuel Level & Temperature Transducer

☆ Range: 0~0.5m...20m
☆ Output :   4~20mA, 0~5V, 0~10V, RS485 Modbus RTU
☆ Power supply: 7-30Vdc, 8-30Vdc, 13-30Vdc
☆ Accuracy :   0.1%F.S, 0.25%F.S, 0.5%F.S;
☆ Medium temperature: -30°C~70°C
☆ Certificate: ATEX or ExdIICT6, TUV RoHS and CE

HPT604-GT Submersible Fuel Level Transducer for Generator Lower Fuel Tank Application

☆ Range: 0.15~2.5m(RS485 Modbus), 0.5~2.5m(4-20mA/0-5V)
☆ Output: (4~20)mA, 0-5V, RS485 Modbus RTU
☆ Power supply: 7-30Vdc, 8-30Vdc, 3.5-36Vdc
☆ Accuracy: 0.25%F.S; 0.5%F.S; 1.0%F.S
☆ Working Temperature: -40°C~80°C

HPT604-HE OEM Liquid Level Transducers

☆ Range: 2~20m
☆ Output :   0.5~4.5V, 4-20mA
☆ Power supply: 5Vdc±%, 10-30Vdc
☆ Accuracy :   1.0%F.S; 0.5%F.S; 0.25%F.S
☆ Working temperature: -25°C~70°C
☆ Certificate: CE, FCC, RoHS

HPT604-LT Submersible Fuel Level, Volume and Temperature Sensor

☆ Range: 0-0.1bar...2bar/0-1m...20m
☆ Output: RS485 Modbus RTU
☆ Power supply: 3.5-36Vdc
☆ Accuracy: 0.5%F.S; 1.0%F.S
☆ Temperature Range: -40°C~80°C

HPT605 Sewage Submersible Level Transmitter

☆ Range: 0~1 M...200 M H2O optional
☆ Output :   4-20mA, 1-5V, 0-5V, 0-10V, 0.5-4.5V, SDI-12, RS485
☆ Power supply: 7-30Vdc, 8-30Vdc, 13-30Vdc, 5Vdc, 12Vdc, 3.5-36Vdc
☆ Pressure port: Φ40 mm Thread with filter cover IP68
☆ Accuracy :   0.25%F.S, 0.5%F.S optional
☆ Working temperature: -40°C~80°C
☆ Certificate: CE, RoHS
☆ Application: City water, Drainage, Sewage pump station etc

HPT606 Flood And River Submersible Level Transmitter

☆ Range: 0~1 M...200 M H2O optional
☆ Output :   4-20mA, 1-5V, 0-5V, 0-10V, 0.5-4.5V, SDI-12, RS485
☆ Power supply: 7-30Vdc, 8-30Vdc, 13-30Vdc, 5Vdc, 12Vdc, 3.5-36Vdc
☆ Pressure port: Ceramic filter cover IP68
☆ Accuracy :   ±0.5%F.S,±0.25%F.S, ±0.1%F.S
☆ Working temperature: -40°C~80°C
☆ Certificate: CE, RoHS
☆ Application: City water, Drainage, Sewage pump station etc

HPT607 Φ19mm Deep Well & Borehole Level Transmitter

☆ Range: 0~2m...500m H2O Optional
☆ Output :   4-20mA, 1-5V,0-5V, 0-10V, 0.5-4.5V, SDI-12, RS485
☆ Power supply: 7-30Vdc, 8-30Vdc, 13-30Vdc, 5Vdc, 12Vdc, 3.5-36Vdc
☆ Pressure port: Filter cover IP68
☆ Accuracy :   0.25%F.S, 0.5%F.S optional
☆ Working temperature: -40°C~80°C
☆ Certificate: CE, RoHS
☆ Application: Deep wells, boreholes...

HPT607-E Φ16mm Deep Well & Borehole Level Transmitter

☆ Range: 0-20m...200m, 0-5m...20m optional
☆ Output :   4-20mA, 0-5V,1-5V, 0-10V, 0.5-4.5V, RS485 Modbus RTU
☆ Power supply: 10-30Vdc,5Vd±5%
☆ Accuracy :   ≤ ±0.5%F.S
☆ Working temperature: -40°C~80°C
☆ Certificate: CE, RoHS
☆ Application: Deep wells, boreholes...

HPT608 Marine and Vessel Application Pressure Transmitter

☆ Range: 0~1m…200m H2O
☆ Output :   4-20mA, 4-20mA+Hart, RS485 Modbus RTU
☆ Power supply: 7-30Vdc, 12-30Vdc, 3.5-36Vdc
☆ Accuracy :   0.5%F.S; 0.25%F.S
☆ Working temperature: -20°C~80°C
☆ Certificate: CE, ExiaII CT6 Ga, ATEX, RoHS
☆ Application: Marine and Vessel application

HPT611 Anti-Clog Submersible Level Transmitter

☆ Range: 0...100m
☆ Output :   4-20mA, 0-5V, 0-10V, 0.5-4.5V, RS485 Modbus RTU
☆ Power supply: 7-30Vdc, 8-30Vdc, 13-30Vdc, 5Vdc±5%, 3.5-36Vdc
☆ Accuracy :   0.25%F.S; 0.5%F.S optional
☆ Working temperature: -40°C~80°C
☆ Certificate: CE, ExiaII CT6 Ga, ATEX, RoHS
☆ Application: Large of Viscosity or impurity medium, Sewage like crude oil etc

HPT612   Submersible Level Transmitter With Display

☆ Range: 0 to 0.5…0 to 100m
☆ Output :   4~20mA, 0~5V, 0~10V, RS485
☆ Power supply: 7-30Vdc, 8-30Vdc, 13-30Vdc, 3.5-36Vdc
☆ Accuracy :   0.25%F.S; 0.5%F.S optional
☆ Working temperature: -40°C~80°C
☆ Certificate: CE, ExiaII CT6 Ga, ATEX, RoHS

HPT 613-S Analog & Digital Ceramic Capacitor Pressure Level Transmitter

☆ Range: -1 to 0...0.25…200m
☆ Output :   4-20mA, 4-20mA+Hart, RS485 Modbus RTU
☆ Power supply: 7-30Vdc, 12-30Vdc, 3.5-36Vdc
☆ Accuracy: ±0.1%F.S, ±0.25%F.S
☆ Working temperature: -20°C~80°C
☆ Certificate: CE, Ex ia IIC T6 Ga, ATEX, RoHS
☆ Applications: Water treatment, sea water, corrosive liquids

HPT613-C Anti-Corrosive Ceramic Capacitor Pressure Level Transmitter

☆ Range: -1 to 0 to 0.25...0 to 200 mH2O
☆ Output :   4~20mA, RS485
☆ Power supply: 12~30Vdc, 10~30Vdc
☆ Medium Compatible: 316L Flush diaphragm, 316 SST, Titanium Alloy, PTFE
☆ Process connection: Flange or throw-in type
☆ Accuracy :   0.1%F.S; 0.25%F.S
☆ Working temperature: -30°C~70°C
☆ Certificate: CE, Ex ia IIC T6 Ga, ATEX, RoHS
☆ Application: Corrosive medium

HPT613-D Digital Output Ceramic Capacitor Pressure Level Transmitter

☆ Range: -1 to 0 to 0.25...0 to 200 mH2O
☆ Output :   4~20mA, RS485
☆ Power supply: 12~30Vdc, 10~30Vdc
☆ Medium Compatible: 316L Flush diaphragm, 316 SST, Titanium Alloy
☆ Process connection: Flange or throw-in type
☆ Accuracy :   0.1%F.S; 0.25%F.S
☆ Working temperature: -30°C~70°C
☆ Certificate: CE, Ex ia IIC T6 Ga, ATEX, RoHS

HPT621 Capacitance Liquids Level Sensor

☆ Range: 0 to 100mm, 0 to 3000mm
☆ Output :   4~20mA, 0~5V, RS485
☆ Power supply: 11-33Vdc, 12Vdc or 11-33Vdc
☆ Pressure port: G1/2", M20×1.5 male, Flange by customized
☆ Accuracy :   1.0%F.S; 0.5%F.S
☆ Working temperature: -30°C~80°C Standard, -40°C~300°C by customized
★ With adjustable Zero and Span automatically
☆ Certificate: CE, Ex ia IIC T6 Ga, ATEX, RoHS
☆ Application: Truck, Bus, Fleet management, Water treatment

HPT623 Cut Off Type Capacitance Fuel Level Sensors

☆ Range: 0~200mm...1500mm optional
☆ Output :   4~20mA, 0~5V/0~10V, RS485
☆ Power supply: 10-32Vdc, 15-28Vdc, 5Vdc, 12Vdc
☆ Pressure port: M30×2.0, flange
☆ Accuracy :   2.0%F.S
☆ Working temperature: -40°C~85°C
☆ Certificate: CE, Ex ia IIC T6 Ga, ATEX, RoHS
☆ Application: Truck, Bus, Fleet management, Water treatment

HPT628 High Temperature Liquids Pressure & Level Transmitter

☆ Range: 0 to 0.5...0 to 100m
☆ Output :   4-20mA, 4-20mA with HART, 0-5V, 1-5V, 0.5-4.5V, 0-10V, RS485
☆ Power supply: 10-30Vdc, 5Vdc, 15-30Vdc
☆ Pressure port: M40×2.0 male, flange
☆ Accuracy :   ±1.5%F.S
☆ Medium temperature: -30°C~300°C
☆ Certificate: CE, Ex ia IIC T6 Ga, ATEX, RoHS

HPT675S Self-contained Submersible Water Level Logger

☆ Pressure range: 0~10m H2O...0~300m H2O
☆ Output: RS485 Modbus RTU or by customized
☆ Power supply: 5~30Vdc, 2.7~3.6Vdc
☆ Accuracy: 0.05%F.S(level); ±0.2°C(temperature)
☆ Working Temperature: -10°C~80°C

HPT915 Integrated Three-parameter Water Level Meter

☆ Measuring range: 10m, 20m, 40m, 80m(level),
                         0~ 40mS/cm (conductivity), -10~70 ℃(temp.)
☆ Output :   RS485 MODBUS RTU
☆ Power supply: 5~30Vdc
☆ Electronic connector: Direct cable outlet IP68
☆ Accuracy :   <±0.05% F·S(water level), ±0.2°C(Temperature),
                         1.5%F·S(conductivity)

SP500 Economic Magnetostrictive Liquids Level Sensors

☆ Range: 0~5m
☆ Output Communication :   RS485 Modbus
★ Oil float (water floater optional)
☆ Power supply: 24Vdc
☆ Temperature measurement: -25°C~150°C
☆ Certificate: CE, Ex ia II BT4, ATEX, RoHS

SP300 Magnetostrictive Liquids Level Sensors

☆ Range: 0-3m
☆ Output Communication :   RS485 Modbus
★ Oil float (water floater optional)
☆ Power supply: 24~26Vdc
☆ Working temperature: -40°C~70°C
☆ Certificate: CE, Ex ia IIC T6 Ga, ATEX, RoHS

H2603 GPRS/4G/LoRa/LoRaWAN/Bluetooth Wireless Level Sensor

☆ Range: 0-100m
☆ Power supply: 3.6V@19Ah
☆ Working temperature: -30°C~70°C(Medium does not crystallize)
☆ IP Grade: IP68
☆ Accuracy: 0.5%F.S/0.25%F.S/0.1%F.S
☆ Certificate: CE, RoHS, Ex ia IIC T6 Ga
☆ Communication: GPRS/4G/LoRa/LoRaWAN/Bluetooth

SP400 Magnetostrictive Liquids Level Sensors

☆ Range: 0-20m
☆ Output Communication :   RS485 Modbus
★ Oil and Water floater
☆ Power supply: 24~26Vdc
☆ Working temperature: -40°C~70°C
☆ Certificate: CE, Ex ia IIC T6 Ga, ATEX, RoHS

HLM Water Level Meter

☆ Measuring Depth: 0~500m
☆ Power supply: 9V battery
☆ Temperature: -20°C~+60°C
☆ Measurement signal: LED, buzzer, electricity meter

Ultrasonic Level Transmitters

Holykell Ultrasonic Level Transmitters are specifically designed to address the needs of low-cost installations with limited space. They incorporate ultrasonic sensors, temperature sensors, ultrasonic servo circuits, and transmission circuits, utilizing SMD components and ASIC developed in collaboration with American partners. This ensures enhanced reliability and long-term performance. The shell is constructed from durable synthetic materials with excellent NLEPF acoustic characteristics. They are waterproof, dustproof, and capable of various on-site working conditions.

UE3001 Ultrasonic Distance/Level Sensor with display

☆ Level Range:	0~5...15m
☆ Output :	1~5V/0~5V; 4-20mA/RS485, RS232/NPN
☆ Blind Zone:	400mm~600mm
☆ Power supply:	24Vdc/300mA
☆ Accuracy	0.5%FS
☆ Working temperature:	-20°C~60°C
☆ Pressure port:	M20×1.5
☆ Application:	Liquids, distance

UE3003 Ultrasonic Distance/Level Sensor

☆ Level Range:	2.5m, 5m, 10m, 15m
☆ Output :	RS485+4~20mA; RS485+0~5V
☆ Blind Zone:	≤200mm~ ≤500mm
☆ Power supply:	DC24V, DC12V
☆ Accuracy:	0.5%F.S, 0.25%F.S
☆ Working temperature:	-10°C~50°C(-40°C~80°C by customized)
☆ Application:	Liquid level and distance measurement

UE3005 Small Blind Zone Ultrasonic Level Meter

☆ Level Range:	1m, 2m
☆ Output :	4~20mA, 1~5V; 1~10V, RS485
☆ Blind Zone:	<0.06m,<0.15m
☆ Power supply:	12-24Vdc
☆ Accuracy:	±1mm, ±2mm
☆ Frequency:	20KHz~350KHzt
☆ Resolution:	1mm
☆ Application:	Liquid

UE3006 Small Scall High Accuracy Ultrasonic Distance/Level Sensor

☆ Level Range:	0-1m, 0-2m
☆ Output :	1~5V/0~5V; 4-20mA/RS485, RS232/NPN swith or relay
☆ Blind Zone:	≥6cm(1m range); ≥15cm(2m range)
☆ Power supply:	12-24Vdc/50 mA
☆ Accuracy:	0.25%F.S. or 3 mm
☆ Working temperature:	-20°C~60°C
☆ Pressure port:	G1-1/2"male or M30×1.5 male
☆ Application:	Liquid, Wine

UE2000 Explosion Proof Type Ultrasonic Level Meter

☆ Level Range:	0~5m...50m
☆ Output :	1~5V/0~5V/0-10V;4-20mA; RS485
☆ Blind Zone:	0.25-0.8m
☆ Power supply:	250VAC/8A; 30Vdc/5A, 24Vdc
☆ Accuracy:	0.25%-0.5%F.S
☆ Working temperature:	-20°C~80°C
☆ Pressure port:	M68×2.0 male; G 1-1/2"male; M108×2.0 male
☆ Certificate:	ATEX

US8000 Integrative type Ultrasonic Level Meter

☆ Level Range: 0~5...50 M optional
☆ Output : 1~5V/0~5V/0~10V; 4-20mA; RS485
☆ Blind Zone: 0.25-0.8m
☆ Power supply: 250VAC/8A, 30Vdc/ 5A, 24Vdc
☆ Accuracy: 0.25%-0.5%F.S
☆ Working temperature: -20°C~80°C
☆ Pressure port: M68×2.0 male; G 1-1/2"male; M108×2.0 male

US9000 Segregated Type Ultrasonic Level Meter

☆ Level Range: 0~5...70M optional
☆ Output : 1~5V/0~5V/0-10V; 4-20mA; RS485
☆ Blind Zone: 0.25-1.2m
☆ Power supply: 250VAC/8A, 30Vdc/5A, 24Vdc
☆ Accuracy: 0.25%-0.5%F.S
☆ Working temperature: -20°C~80°C
☆ Pressure port: M68×2.0 male; G 1-1/2"male; M108×2.0 male

UT105 Fuel Tank Ultrasonic Level Sensors

☆Level range: 1m/2m/4m optional
☆Output : RS485/RS232/0-5V optional
☆Power supply: 9~36Vdc 50mA
☆Working temperature: -40°C~80°C
★No hole and stick on the bottom of tank

HU-TM Non-intrusive External Mounted Ultrasonic Level Transmitter

☆ Level Range: 5m, 10m, 20m, 30m, 40m, 50m
☆ Output : 4~20mA,HART,Modbus
☆ Blind Zone: 30mm
☆ Power supply: 22V~36Vdc,18Vdc~30Vdc
☆ Accuracy: ±1‰F.S/±2‰F.S/±5‰F.S(level); 1°C(temp.)
☆ Temp. measurement range:-45°C~100°C
☆ Communication: RS485, Infrared, HART, Modbus
☆ Application: Liquid level & volume measurement of oil tanks

Radar Level Meters

The radar level sensors are capable of measuring various media and the distances with measuring range up to 70 meters. The antenna has undergone further optimization, and a new fast microprocessor enables high-speed signal processing. They can be effectively utilized in various challenging measurement conditions, including reactors, solid-state storage containers, and other complex environments.

HR263 Radar Level Meter

☆ Measurement Span: 15m/20m/35m (powder); 20m/30m/45m(particle); 35m/45m/55m(lumps) 0-1m...70m(liquids)
☆Process Connection: Multidirectional flange
☆ Medium Temperature Span: -40°C~250°C
☆ Accuracy: ±15mm
☆ Supply: 24Vdc or 85-265VAC
☆ Explosion proof grade: Ex ib IIC T6 Gb
☆ Signal Output: 4~20mA/HART (2 wires/4 wires) ; RS485/Modbus
☆ Application: Solid material, Strong dust, Powder, Lump,Liquids...

HR261 Radar Level Meter

☆ Measurement Span: 0 to 20 meters
☆ Process Connection: Thread or Flanges
☆ Medium Temperature Span: -40°C~120°C
☆ Accuracy: ±5 mm
☆ Supply: 24Vdc or 85-265VAC
☆ Explosion proof grade: Ex ib IIC T6 Gb
☆ Signal Output: 4~20mA/HART (2 wires/4 wires) ; RS485/Modbus
☆ Application: All kinds of corrosive liquids

HR264 Radar Level Meter

☆ Measurement Span: 50m (powder);70m(particle);70m(lump materials)
☆ Process Connection: Multidirectional flange
☆ Medium Temperature Span: -40°C~250°C
☆ Process Pressure: -1Bar~1 Bar
☆ Accuracy: ±15mm
☆ Supply: 24Vdc or 85-265VAC
☆ Explosion proof grade: Ex ib IIC T6 Gb
☆ Signal Output: 4~20mA/HART (2 wires/4 wires) RS485/Modbus
                            Solid material, Strong dust,
☆ Application: Crystallization, Condensation occasions

HR262 Radar Level Meter

☆ Measurement Span: 0 to 30 meters; 0 to 70 meters
☆ Process Connection: G1-1/2" Thread or Flanges
☆ Medium Temperature Span: -40°C~150°C
☆ Accuracy: ±3mm
☆ Supply: 24Vdc or 85-265VAC
☆ Explosion proof grade: Ex ib IIC T6 Gb
☆ Signal Output: 4~20mA/HART (2 wires/4 wires) ; RS485/Modbus
☆ Application: Temperature resistant, pressure resistant, Reservoirs, open channels, tidal, etc

HR266 Radar Level Meter

☆ Measurement Span: 0 to 20 meters
☆ Process Connection: Thread or Flanges
☆ Medium Temperature Span: -40°C~150°C
☆ Accuracy: ±3 mm
☆ Supply: 24Vdc or 85-265VAC
☆ Explosion proof grade: Ex ib IIC T6 Gb
☆ Signal Output: 4~20mA/HART (2 wires/4 wires) ; RS485/Modbus
☆ Application: Liquid, Slurry, Condensation, Corrosive liquids.

HR80G-A 76-81GHz FMCW Radar Level Meter With Conventional Large Lens

☆ Measuring range: 120 m
☆ Signal output: 4~20mA/HART (two-wire/four-wire), RS485 Modbus
☆ Medium temperature: -40°C~120°C
☆ Process pressure: -0.1~0.3Mpa
☆ Measurement accuracy: ±1mm
☆ Explosion-proof grade: Ex ia IIC T4 Ga
☆ Application: Slightly corrosive liquid, stirring, water vapor condensation

HR80G-D 76-81GHz FMCW Radar Level Meter With Anti-corrosive Large Flat Lens

☆ Measuring range: 120 m
☆ Signal output: 4~20mA/HART (two-wire/four-wire), RS485 Modbus
☆ Medium temperature: -40°C~120°C
☆ Process pressure: -0.1~0.5Mpa
☆ Measurement accuracy: ±1mm
☆ Explosion-proof grade: Ex ia IIC T4 Ga
☆ Application: Strong corrosive liquid, stirring, water vapor, condensation

HR80G-B 76-81GHz FMCW Radar Level Meter With Universal Blowing Conventional Large Lens

☆ Measuring range: 120 m
☆ Signal output: 4~20mA/HART (two-wire/four-wire), RS485 Modbus
☆ Medium temperature: -40°C~120°C
☆ Process pressure: -0.1~0.6Mpa
☆ Measurement accuracy: ±1mm
☆ Explosion-proof grade: Ex ia IIC T4 Ga
☆ Application: Strong dust, solids, blocks, powder

HR80G-E 76-81GHz FMCW Radar Level Meter With Anti-corrosive Large Flat Lens

☆ Measuring range: 120 m
☆ Signal output: 4~20mA/HART (two-wire/four-wire), RS485 Modbus
☆ Medium temperature: -40°C~200°C
☆ Process pressure: -0.3~1.6Mpa
☆ Measurement accuracy: ±1mm
☆ Explosion-proof grade: Ex ia IIC T4 Ga
☆ Application: High temperature, strong corrosive liquid, stirring, water vapor, condensation

HR80G-C 76-81GHz FMCW Radar Level Meter With Conventional Small Lens

☆ Measuring range: 120 m
☆ Signal output: 4~20mA/HART (two-wire/four-wire), RS485 Modbus
☆ Medium temperature: -40°C~120°C
☆ Process pressure: -0.1~0.3Mpa
☆ Measurement accuracy: ±1mm
☆ Explosion-proof grade: Ex ia IIC T4 Ga
☆ Application: Slightly corrosive liquid, stirring, condensation

HR80G-F 76-81GHz FMCW Radar Level Meter With Anti-corrosive Small Flat Lens

☆ Measuring range: 120 m
☆ Signal output: 4~20mA/HART (two-wire/four-wire), RS485 Modbus
☆ Medium temperature: -40°C~120°C
☆ Process pressure: -0.1~1.6Mpa
☆ Measurement accuracy: ±1mm
☆ Explosion-proof grade: Ex ia IIC T4 Ga
☆ Application: Strong corrosive liquid, stirring, water vapor, condensation

HRF300 Series Radar Water Level Meter

☆ Radar frequency: 80GHz
☆ Measuring range: 0.05m-40m/70m/100m
☆ Signal output: 4~20mA/RS485 MODBUS/RS232
☆ Power supply: 7-32Vdc; 5.5-32Vdc(Optional)
☆ Accuracy: ±3mm/±6mm
☆ Operating temperature: -35°C~70°C

HR1200 60GHz Millimeter Wave Radar Level Sensor

☆ Pressure Range: 0.2-12m(water),0.2-8m(diesel),0.2-6m(gasoline)
☆ Output: RS485 MODBUS RTU
☆ Power Supply: 12Vdc recommended (9-24Vdc available)
☆ Accuracy: ±5mm
☆ Working Temperature: -40°C~85°C
☆ Applications: Water treatment,petrochemical storage tank, pharmaceutical,food,beverage,refining process…

HR2000 80GHz High Accuracy Millimeter Wave Radar Level Sensor

☆ Measuring range: 0.2-10m, 0.2-20m
☆ Output: 0-5V/0-10V/4-20mA+RS485 Modbus RTU, RS485 Modbus RTU
☆ Power Supply: 12-30Vdc; 3.3-5.5Vdc
☆ Accuracy: ±10mm,±5mm, ±2mm
☆ Application: Water treatment, petrochemical, pharmaceutical, food, beverage, refining process...

Temperature Transmitter

Holykell temperature sensor/transmitters employ highly accurate PT100/PT1000 temperature sensors during manufacturing. These sensors undergo rigorous temperature and linear compensation processes to ensure stability and high performance. The device utilizes modular signal processing technology, making it suitable for measuring the temperature of differential liquids or gas media.

HTS101 Temperature Sensors (Resistive signal type)

☆ Measurement Range: -50°C~200°C Customized
☆ Output : Resistive signal type
☆ Sensor type: PT100, PT1000
☆ Probe Dimension: Φ6; Φ8 optional
☆ Pressure port: Insert type
☆ Accuracy : 0.5%F.S optional
☆ Environment temperature: -40°C~85°C
☆ Certificate: CE, Ex ia IIC T6 Ga

HTS102 Integrated Type Temperature Transducers

☆Measurement Range: -50°C~200°C Customized
☆Output : 4~20mA, RS485, Resistive signal type optional
☆Sensor type: PT100, PT1000
☆Probe Dimension: Φ6; Φ8 optional
☆Power supply: 9~30Vdc, 18~30Vdc
☆Pressure port: Insert type
☆Accuracy : 0.5%F.S optional
☆Environment temperature: -40°C~85°C
☆Certificate: CE, Ex ia IIC T6 Ga

HTS103 Isolated Type Temperature Transducers

☆ Measurement Range: 0°C~400°C Customized
☆ Output :   4~20mA, 0~5V/0~10V
☆ Sensor type: PT100, PT1000
☆ Probe Dimension: Φ6; Φ8 optional
☆ Power supply: 9Vdc~30Vdc
☆ Pressure port: Insert type
☆ Accuracy :   0.5%F.S optional
☆ Environment temperature: -40°C~85°C
☆ Certificate: CE, Ex ia IIC T6 Ga

HTS104 Integrated Display Type Temperature Transmitter

☆ Measurement Range: -50°C~400°C Customized
☆ Output :   4~20mA, 0~5V/0~10V
☆ Sensor type: PT100, PT1000
☆ Probe Dimension: Φ6; Φ8 optional
☆ Power supply: 12~30Vdc
☆ Pressure port: Insert type
☆ Accuracy :   0.5%F.S optional
☆ Environment temperature: -40°C~85°C
☆ Certificate: CE, Ex ia IIC T6 Ga

HTS201 Explosion-Proof Type Temperature Transmitter

☆ Measurement Range: -50°C~300°C
☆ Output :   4-20 mA+HART or 4-20 mA+RS485 optional
☆ Sensor type: PT100, PT1000
☆ Probe Dimension: 8mm
☆ Power supply: 24Vdc
☆ Pressure port: Insert type
☆ Accuracy :   0.5%F.S optional
☆ Environment temperature: -40°C~85°C
☆ Certificate: CE, Ex ia IIC T6 Ga

HTS300 Plug Furnace Thermocouple Probe Temperature sensor

☆ Range: -200°C~600°C
☆ Accuracy: 0.1%, 0.3%, 0.5% or optional
☆ Probe Length: 30mm（default）100mm, 150mm, 200mm or by customized
☆ Process: Groove Rolling, SMD, etc.
☆ Terminals: U type, Pin type, Aviation Type
☆ Cable Material: PVC, Silicone, Teflon, PTFE

HTS300 Waterproof Thermistor RTD Temperature Sensor

☆ Range: -40°C-1200°C（K type），0°C-1800°C（B type）
☆ Accuracy: 2B, B, A, 1/3B etc.
☆ Probe Length: 30mm（default）100mm, 150mm, 200mm or by customized
☆ Process: Groove Rolling, SMD, etc.
☆ Terminals: U type, Pin type, Aviation Type
☆ Cable Material: PVC, Silicone, Teflon, PTFE

H2602 GPRS/4G/LoRa/LoRaWAN/Bluetooth Wireless Temperature Sensor

☆ Range: -50~250°C
☆ Power Supply: 3.6V@19Ah
☆ Working temperature : -30°C~70°C(Medium does not crystallize)
☆ IP Grade: IP68
☆ Accuracy: 0.5%F.S/0.25%F.S
☆ Certificate: CE, ROHS, Ex ia IIC T6 Ga
☆ Communication: GPRS/4G/LoRa/LoRaWAN/Bluetooth

Flow Meters

Holykell Flow meters are intelligent and developed using the advanced technology from domestic and foreign countries. Products include electromagnetic flow meters, ultrasonic flow meters, turbine flow meters and vortex flow meters. It is widely used in water (tap water, industrial water, and sewage treatment), metallurgy, chemical, textile, food, paper-making, power, pharmaceutical and other industrial areas. It applies to measure the volume flow of conductive medium and non-conductive medium flow including water, acid, alkali, salt solutions, slurry, pulp, paper pulp, waste water and so on.

4800E Integrated Electromagnetic Flow Meters

☆ Pipe size: DN10-2000mm
☆ Measure accuracy: ±0.5%
☆ Flow range：   0.3~15m/s
☆ Ambient temperature: -25°C~60°C
☆ Flow output signal: 0~10mA/4~20mA /Pulse/MODBUS/HART
☆ Supply voltage: 220VAC or 24Vdc
☆ Sensor connection: Flanged, threaded, or by clamps
☆ Lining material: PTFE, Soft rubber, Polyurethane rubber, F46 poly
                          perfluoro ethyleneally
☆ Protection class: IP65

4800 Segregate Electromagnetic Flow Meters

☆ Pipe size: DN10-2000mm
☆ Measure accuracy: ±0.5%
☆ Flow range：   0.3~15m/s
☆ Ambient temperature: -25°C~60°C
☆ Flow output signal: 0~10mA/4~20mA /Pulse/MODBUS/HART
☆ Supply voltage: 220VAC or 24Vdc
☆ Sensor connection: Flanged, threaded, or by clamps
☆ Lining material: PTFE, neoprene, polyurethane rubber, rubber acid
☆ Certificate：   CE
☆ Protection class: IP65, IP68

4880E Sanitary Electromagnetic Flow Meters

☆ Pipe Size: DN15-25mm
☆ Measure accuracy: ±0.5%
☆ Flow range：   0.3~15m/s
☆ Ambient temperature: -25°C~60°C
☆ Flow output signal: 0~10mA/4~20mA /Pulse/MODBUS/HART
☆ Supply voltage: 220VAC or 24Vdc
☆ Sensor connection: Clamping connection type
☆ Protection class: IP65
☆ Application: Food, Medical, Sanitary area

UF2000B Wall-mount Ultrasonic Flow meter

☆ Pipe Size: 32-1000mm
☆ Working temperature :   -30°C~90°C
☆ High-temperature：   -30°C~130°C
☆ Flow output signal: 0~10mA/4~20mA/Pulse/MODBUS/HART
☆ Supply voltage: 220VAC or 24Vdc
☆ Linearity: 0.5%
☆ Accuracy: ±1%
★ Powerful Recording Function, last 64 days/64 months/5 years

PUF2000 Portable Ultrasonic Flow meter

☆ Pipe Size: DN15-1000mm
☆ Velocity: 0.03-8m/s
☆ Working temperature :   -20°C~130°C
☆ Flow output signal: 4~20mA/MODBUS
☆ Supply voltage: Battery
☆ Linearity: 0.5%
☆ Accuracy: ±1%
★ Powerful Recording Function, last 64 days/64 months/5 years
  With Printer, LCD, 4x4+2 push button keypad

HUF2000-H Handheld Ultrasonic Flow meter

☆ Pipe Size: 20-6000mm
☆ Flow range: 0~±32m/s
☆ Working temperature : -20°C~160°C
☆ Communication Interface: RS-232, baud-rate: from 75 to 57600.
☆ Supply voltage: 3 AAA built-in Ni-H batteries
☆ Linearity: 0.5%
☆ Accuracy: ±1%
★ Powerful Recording Function, last 64 days/64 months/5 years LCD
   display, LED indicator, 4x4+2 push button keypad

HGVF Vortex Flow Meter

☆ Pipe Size: DN15mm~300mm
☆ Flow output signal: 4~20mA , pulse, RS485, Hart
☆ Supply voltage: 24V±15% or battery 3.0-3.6V
☆ Accuracy: ±1.5%F.S
☆ Applications: Natural gas, chemical processing, water t
                        reatment, food and beverage Industry

UFL9000 Ultrasonic Open Channel Flow Meter

☆ Measuring range: 0-1-2-3m, 0-10m
☆ Flow range: 0~±32m/s
☆ Working temperature : Display meter -20°C~60°C, transducers -20°C~80°C
☆ Flow output signal: 4~20mA 750Ω load
☆ Supply voltage: 220VAC+15% 50Hz；24Vdc 120mA
☆ Linearity: 0.5%
☆ Accuracy: 1%~5%
☆ Application: Wastewater treatment plant, City sewer flow
                        and farmland irrigation channels, etc.

HLY Intelligent Liquid Turbine Flow Meter

☆ Pipe Size: DN15 mm ~200mm
☆ Flow range: 0~±32m/s
☆ Medium temperature：   -20°C~110°C
☆ Output signal: 4~20mA 750Ω load+Pulse,RS485
☆ Connection Way: Screw, Flange, Clamp sanitary, Plug in type
☆ Supply voltage: 12V±10%
☆ Current：   ≤10mA

LGB Orifice Plate Flowmeter

☆ Pipe Size: 15mm~2000mm
☆ Working Temperature: -40°C~100°C (Steam or Gas)
☆ Material： 304SS（Typical) 316L by customize
☆ Precision： actual flow rate of ± 1%
☆ Humidity： relative humidity 0-100% lattice
☆ Taps Type： angular contact pressure
（corner joint pressure)
☆ Calculation Standard： ISO 5167-2003
☆ Application： liquid, gas, steam

HRF600 80GHz Radar Wave Flow Meter

☆ Measuring range： 40m(Level),40m(Velocity)
☆ Operating temperature： -35~70℃
☆ Supply Voltage： 7~32VDC,5.5-32VDC
☆ Accuracy： ±0.01m/s/±2%FS(Velocity);
±2mm/±0.05%FS(Level)
☆ Data transmission： RS485, RS232, 4~20mA, LoRa, NB-IoT, 4G RTU
☆ Application： Rivers, lakes, channels, reservoirs, tides,
sewage pipes...

HRF600S 80GHz Radar Wave Flow Meter

☆ Measuring range： 7m(Level),40m(Velocity)
☆ Operating temperature： -35~70℃
☆ Supply Voltage： 7~32VDC,5.5-32VDC
☆ Accuracy： ±0.01m/s/±2%FS(Velocity);
±2mm/±0.05%FS(Level)
☆ Data transmission： RS485, RS232, 4~20mA, Modbus
☆ Application： Rivers, lakes, channels, reservoirs, tides,
sewage pipes...

Digital Display & Controller Instrument

Holykell offers a diverse range of digital displays, digital controllers and instruments to cater to various industrial needs. They adopt advanced and reliable electronic devices and technologies and can be compatible with our pressure sensors, level sensors, flow meters and more. These digital controllers and instruments are designed to provide precise and accurate measurements, ensuring optimal control and monitoring of industrial processes.

H1100 Single-circuit Digital Display Controller

☆ Panel display: Double screen LED digital
☆ Input Signal type: 33 types input signal
☆ Measuring Accuracy: 0.3%F.S
☆ Alarm: Up and down limit
☆ Application: Plastic/Food /Packaging machinery,
Heating Furnace

H5100 Single-loop Digital Display Controller

☆ Panel display: Dual-screen LED display
☆ Input Signal type: 36 types input signal
☆ Measuring Accuracy: 0.2%F.S
☆ Alarm: Up and down limit,delay alarm
☆ Communication: RS485/RS232

H5200 Dual-loop digital display controller

☆ Panel display: Dual-screen LED display
☆ Input Signal type: 36 types input signal
☆ Measuring Accuracy: 0.2%F.S
☆ Alarm: Up and down limit,delay alarm
☆ Communication: RS485/RS232

H5300 Artificial Intelligence PID Regulator

☆ Panel display: Dual-screen LED display
☆ Input Signal type: 36 types input signal,PID output
☆ Measuring Accuracy: 0.2%F.S
☆ Alarm: Up and down limit,LBA alarm,Flash alarm
☆ Communication: RS485/RS232

H5740 Four-circuit Digital Display Controller

☆ Panel display: Dual-screen LED display
☆ Input Signal type: 36 types input signal RTD
☆ Measuring Accuracy: 0.2%F.S
☆ Alarm: Up and down limit,LBA alarm,Flash alarm,
  Stop alarm
☆ Communication: RS485/RS232

H7620/H7620R Series LCD Volume Display Meter/ Recorder

☆ Panel display: LCD
☆ Input Signal: 0~20mA, 0~10mA, 4~20mA, 0~5V,
  1~5V, 0~10V (customized)
☆ Output Signal: Analog output, Alarm output,Feed output,
  Communication output
☆ Measuring Accuracy: 0.2%FS±1d
☆ Power Supply: 100~240VAC；50/60HZ; 20~29Vdc
☆ Record: USB, SD card

H8000 Series Multipurpose Colorful Paperless Recorder/Data Logger

☆ Panel display: LED backlight
☆ Accuracy: 0.2%FS±1d
☆ Channel/Input: Maximum 48 channels, 12 transmitting
  output, 18 alarm output optional
☆ Interface: RS232/RS485/RS232C
☆ Optional functions: USB, SD card, Ethernet, Feed output

PY602 Pressure & Temperature Regulator

☆ Panel display: Dual 4-digit Green and Red LEDs
☆ Input Signal : 2 mV/V or 3.3 mV/V (automatic selection)
  4-20mA, 0-5V, 0-10V input optional
☆ Size: 96mm x 96mmx100mm
☆ Measuring Accuracy: 0.2%F.S
☆ Power Supply : 110/220VAC or +24Vdc
☆ Alarm Range: 0001-9999 PSI or Bar
☆ Weight : 400g

PY602H Pressure &Temperature Regulator

☆ Panel display: Dual 4-digit Green and Red LEDs
☆ Input Signal :   2 mV/V or 3.3 mV/V (automatic selection)
   4-20mA, 0-5V, 0-10V input optional
☆ Size: 96mm×48 mm×100mm
☆ Measuring Accuracy: 0.2%F.S
☆ Power Supply :   110/220VAC or+24Vdc
☆ Alarm Range: 0001-9999 PSI or Bar
☆ Weight :   400g

PY602S Pressure &Temperature Regulator

☆ Panel display: Dual 4-digit Green and Red LEDs
☆ Input Signal :   2 mV/V or 3.3 mV/V (automatic selection)
   4-20 mA, 0-5V, 0-10V input optional
☆ Size: 48mm×96mm×100mm
☆ Measuring Accuracy: 0.2%F.S
☆ Power Supply :   110/220VAC or+24Vdc
☆ Alarm Range: 0001-9999 PSI or Bar
☆ Weight :   400g

PY9000 PID Intelligent Digital Pressure Controller

☆ Digital display: Double rows with four LED digits
☆ Alarm: Two relay output , programmable
☆ Size: 90mm×90mm×110mm
☆ Output signal :   4~20mA, 0~5V or 0~10V
☆ Power supply: 120V~250VAC
☆ Working atmosphere :   -10°C ~50°C, ≤99%RH

Wireless Networking

www.h-smartlink.com

Holykell offers wireless pressure sensors, wireless level sensors, wireless temperature sensors, wireless modules and wireless solutions. Incorporating state of the art technologies, they bring increased measurement accuracy, reliability and convenience. With the Cloud platform and softwares, a fully new featured monitoring era has come.
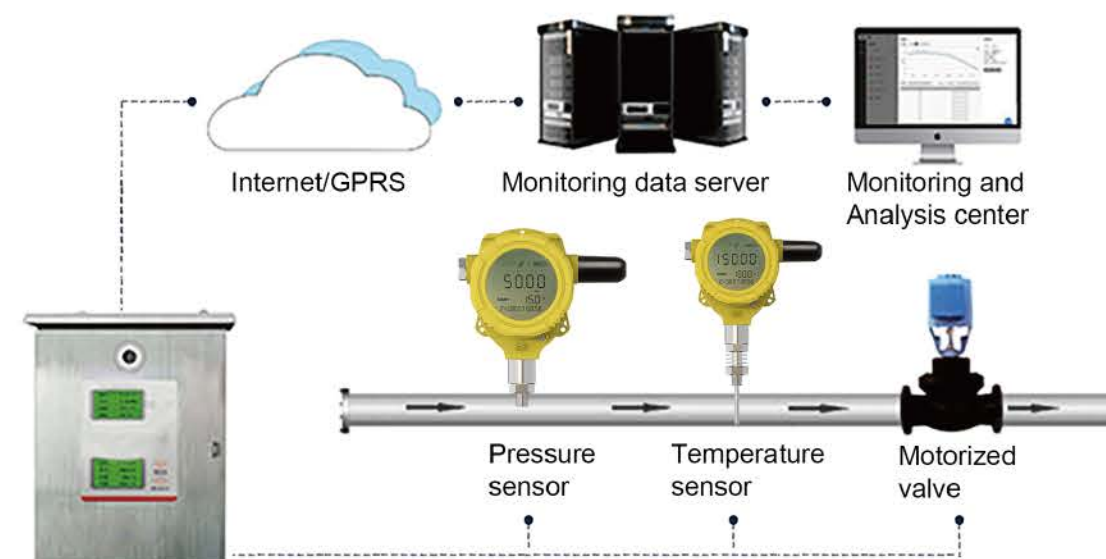
Scan to watch wireless platform demo

Wireless Level Monitoring Solution

Up to 5km range line of sight

A   Tank Transmitter
B   Gateway
C   PC Data Acquisition Software
D   Cloud Platform
E   Mobile APP
F   Tank
G   Level Sensor

Wireless Pressure Sensors and Temperature Sensors for Steam Metering and Control System

Internet/GPRS   Monitoring data server   Monitoring and Analysis center

Pressure sensor   Temperature sensor   Motorized valve

Wireless RTUs for Remote Monitoring
(For connecting analog instrument, supporting 3 channels)

Secondary equipment
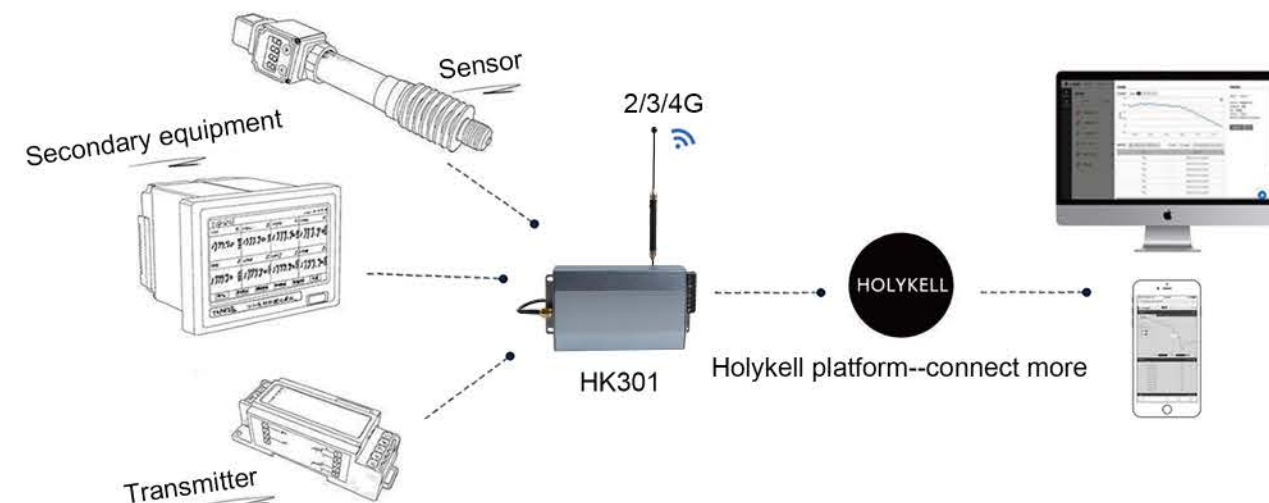
Sensor

2/3/4G

HK302

HOLYKELL

Holykell platform--connect more

Transmitter
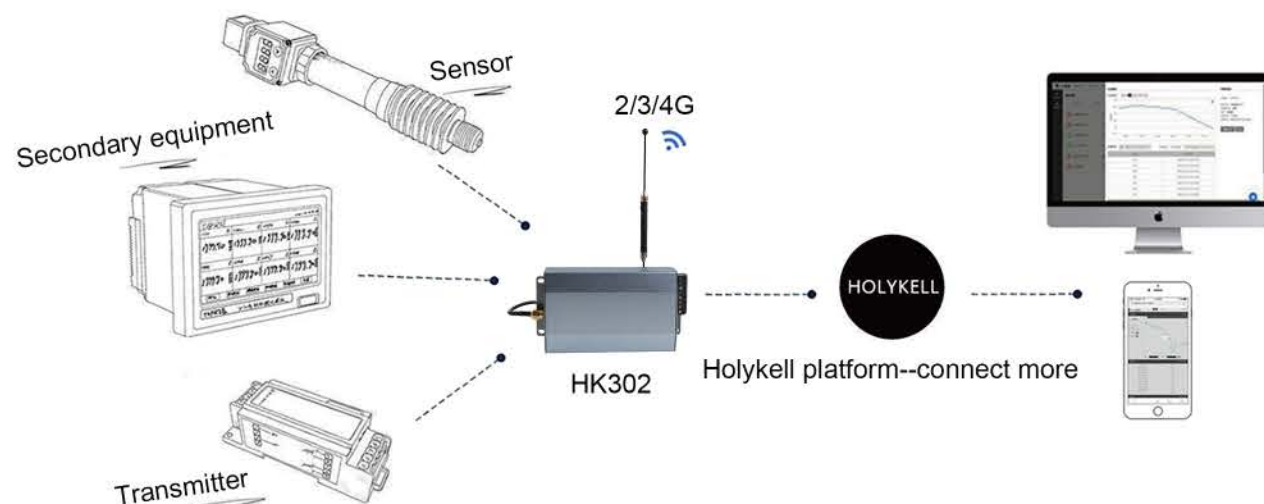
Wireless RTUs for Remote Monitoring
(For connecting analog instrument, supporting 8 channels)

2/3/4G

HK308

HOLYKELL

Holykell platform--connect more

| Submersible level sensors | Pressure sensors | Temperature sensors | Ultrasonic level sensors | Electromagnetic flow meters | Radar level sensors | ...... |
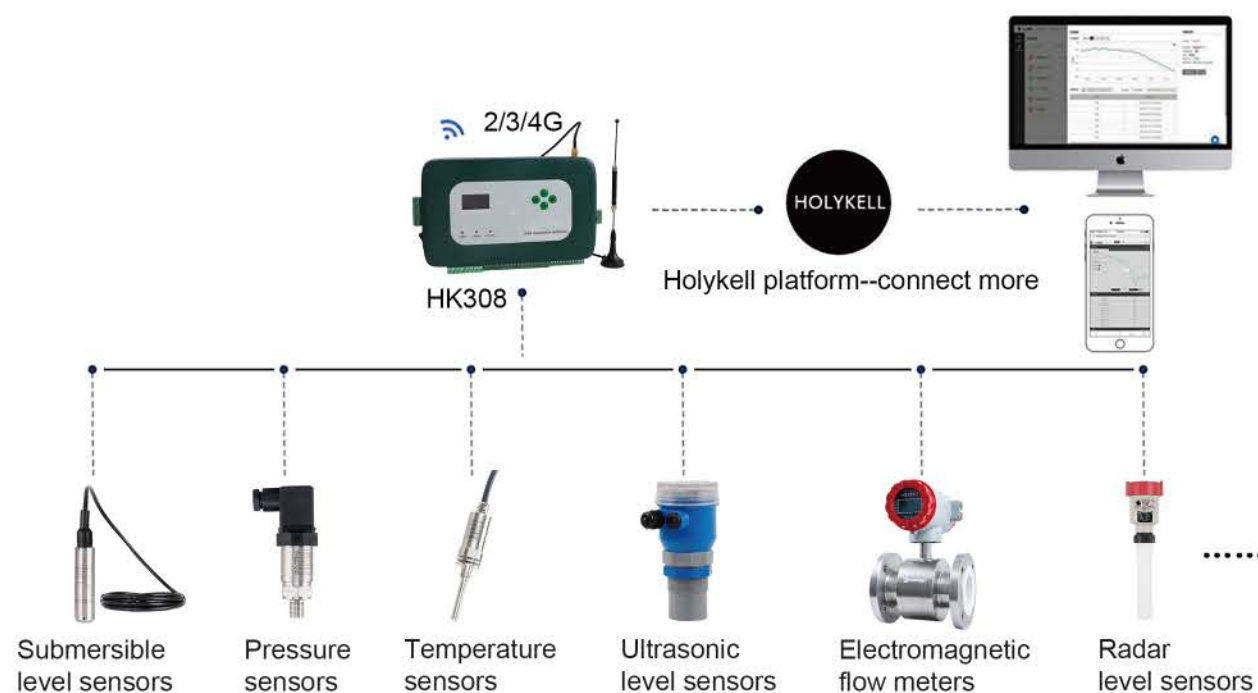
Wireless DTUs for Remote Monitoring
(For connecting RS485 Modbus instrument, supporting 5 channels))

Secondary equipment

Sensor

2/3/4G

HK301

HOLYKELL

Holykell platform--connect more

Transmitter

Wireless Modules for Remote Monitoring
(For LoRa and LoRa+4G, supporting 8-32 channels))

LORA

LAN Monitoring

Mobile Phone Remote Monitoring

H3 Data Recorder and Lora/4G Gateway or
HW300-L Lora Gateway
(without local display and record function)

W608-L Data Collection and Lora

| Submersible level sensors | Pressure sensors | Temperature sensors | Ultrasonic level sensors | Electromagnetic flow meters | Radar level sensors | ...... |

CERTIFICATE

International Factory inspection

Products certification

Quality certification system

WHAT WE PROVIDE

QUALITY WE COMMIT

99.8% on-time delivery | **<0.05%** repair rate | **24** months warranty

Material preparation | Assembly | Potting glue | 2880 mins High and low temperature aging | 3 times factory testing

AFTER-SALES AND TECHNICAL SUPPORT

<24h response | **Professional** after-sales team | **1 to 1** engineer

ODM SERVICE

1-2 new products/month
USD600,000/year
invested on R&D

5+ years experience on ODM

11+ staff **R&D** team

ONE-STOP SOLUTIONS

We focus on sensor for harsh environment

- IOT wireless monitoring
- Weather monitoring
- Flow/Velocity monitoring
- Water Treatment