

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



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



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



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



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



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 or RS485 ;
Two switches with 4~20mA or RS485;
- ☆ 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



PS301 Intelligent Pressure Switch

- ☆ Pressure Range: 0~1MPa
- ☆ Output: 4-20mA+2NPN
- ☆ Power supply: 24Vdc
- ☆ Accuracy: 0.25%F.S
- ☆ Medium Temperature: -10°C~60°C

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.



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



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



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, Exiall CT6 Ga, ATEX, RoHS



HPT604(BC) Submersible Pressure Level & Temperature Transmitters

- ☆ Range: 0-1m...50m
- ☆ 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: 304 Stainless Steel
- ☆ Accuracy : 1.0%F.S; 0.5%F.S
- ☆ Working temperature: -40°C~80°C
- ☆ Certificate: CE, Exiall CT6 Ga, ATEX, RoHS
- ☆ Application: Liquid treatment, Waterworks, Fuel Petrochemical 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



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, Exiall CT6 Ga, ATEX, RoHS



HPT604(B) 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, Exiall CT6 Ga, ATEX, RoHS
- ☆ Application: Petrol, Diesel, Fuel etc



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-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



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 : $\pm 0.5\%$ F.S
- ☆ Working temperature: -30°C~70°C



HPT604(H) OEM Liquid Level Transducers

- ☆ Range: 2~20m
- ☆ Output : 0.5~4.5V
- ☆ Power supply: 5Vdc $\pm 5\%$
- ☆ Accuracy : 1.0%F.S; 0.5%F.S; 0.25%F.S
- ☆ Working temperature: -40°C~80°C
- ☆ Certificate: CE, FCC, RoHS



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-LT Submersible Fuel Level Pressure Transmitter

- ☆ 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



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, 5Vdc±5%
- ☆ Accuracy : ≤ ±0.5%F.S
- ☆ Working temperature: -40°C~80°C
- ☆ Certificate: CE, RoHS
- ☆ Application: Deep wells, boreholes...



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



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, Exiall CT6 Ga, ATEX, RoHS
- ☆ Application: Marine and Vessel application



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...



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, Exiall 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, ExIa IIC T6 Ga, ATEX, RoHS



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



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



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



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



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



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



HPT675S Self-contained Submersible Water Level Logger

- ☆ Pressure range: 0~10m H2O...0~200m H2O
- ☆ Output: RS485 Modbus RTU or by customized
- ☆ Power supply: 5~30Vdc, 2.7~3.6Vdc
- ☆ Accuracy: 0.05%F.S(level); ±0.5°C(temperature)
- ☆ Working Temperature: -10°C~80°C



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



HPT915 Integrated Three-parameter Water Level Meter

- ☆ Pressure range: 0~10m...300m(water level), 0~100mS/cm (conductivity), -40~85°C(Temperature)
- ☆ Output : RS485 MODBUS RTU
- ☆ Power supply: 5~30Vdc, 2.7~3.6Vdc
- ☆ 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



H2603 GPRS/Zigbee/ NB-IoT/LoRa Wireless Level Sensor

- ☆ Range: 0~50m optional
- ☆ Power supply: 3.6V@19Ah
- ☆ Working temperature: -30°C~70°C(Medium does not crystallize)
- ☆ IP Grade: IP68
- ☆ Accuracy: 0.5%F.S
- ☆ Certificate: CE, RoHS, Ex ia IIC T6 Ga
- ☆ Network format: NB-IOT; 4G-GPRS (Global Support); LoRa

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
- ☆ Bline Zone: 300~1200mm
- ☆ 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
- ☆ Output : RS485+4~20mA; RS485+0~5V
- ☆ Bline Zone: ≤150mm(for 2.5m & 5m ranges);
≤500mm(for 10m range)
- ☆ Power supply: 10~30Vdc(24Vdc recommended,
5~30Vdc by customized)
- ☆ 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
- ☆ Bline Zone: <0.06m, <0.15m
- ☆ Power supply: 12-24Vdc
- ☆ Accuracy: ±1mm, ±2mm
- ☆ Frequency: 20KHz~350KHz
- ☆ Resolution: 1mm
- ☆ Application: Liquid



US8000 Integrative type Ultrasonic Level Meter

- ☆ Level Range: 0~5...50 M optional
- ☆ Output : 1~5V/0~5V/0~10V; 4-20mA; RS485
- ☆ Bline 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



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
- ☆ Bline Zone: ≥6cm(1m range); ≥18cm(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



US9000 Segregated Type Ultrasonic Level Meter

- ☆ Level Range: 0~5...70M optional
- ☆ Output : 1~5V/0~5V/0~10V; 4-20mA; RS485
- ☆ Bline 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



UE2000 Explosion Proof Type Ultrasonic Level Meter

- ☆ Level Range: 0~5m...50m
- ☆ Output : 1~5V/0~5V/0~10V;4-20mA; RS485
- ☆ Bline 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



UT105 Fuel Tank Ultrasonic Level Sensors

- ☆ Level range: 5 cm~200 cm
- ☆ Output : 0~5V, RS232
- ☆ 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: 3m,5m,10m,15m,20m,30m,50m
- ☆ Output : 4~20mA,HART,Modbus
- ☆ Bline Zone: 30mm
- ☆ Power supply: 22V~36Vdc,18Vdc~30Vdc
- ☆ Accuracy: $\pm 1\%F.S/\pm 2\%F.S/\pm 5\%F.S$ (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.



HR261 Radar Level Meter

- ☆ Measurement Span: 0 to 20 meters
- ☆ Process Connection: Thread or Flanges
- ☆ Medium Temperature Span: -40°C~120°C
- ☆ Accuracy: $\pm 5\text{ mm}$
- ☆ 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



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: $\pm 3\text{mm}$
- ☆ 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: Temperature resistant, pressure resistant, Reservoirs, open channels, tidal, etc



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...



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 ib IIC T6 Gb
- ☆ Application: Slightly corrosive liquid, stirring, water vapor condensation



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
- ☆ Application: Solid material, Strong dust, Crystallization, Condensation occasions



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 ib IIC T6 Gb
- ☆ Application: Strong dust, solids, blocks, powder



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-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 ib IIC T6 Gb
- ☆ Application: Slightly corrosive liquid, stirring, 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 ib IIC T6 Gb
- ☆ Application: Strong corrosive liquid, stirring, water vapor, condensation



HRF300 Series Radar Water Level Meter

- ☆ Radar frequency: 24GHz
- ☆ Measuring range: 0.2~20m/0.2~40m(Optional)
- ☆ Signal output: 4~20mA/RS485 MODBUS/RS232
- ☆ Power supply: 7-32Vdc; 5.5-32Vdc(Optional)
- ☆ Accuracy: ±3mm/±6mm
- ☆ Operating temperature: -35°C~70°C



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~220°C
- ☆ Process pressure: -0.3~1.6Mpa
- ☆ Measurement accuracy: ±1mm
- ☆ Explosion-proof grade: Ex ib IIC T6 Gb
- ☆ Application: High temperature, strong corrosive liquid, stirring, water vapor, condensation



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: ±2mm
- ☆ Working Temperature: -40°C~85°C
- ☆ Applications: Water treatment,petrochemical storage tank, pharmaceutical,food,beverage,refining process...



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 ib IIC T6 Gb
- ☆ Application: Strong corrosive liquid, stirring, water vapor, condensation