

Hydrostatic Pressure Level Sensor Series YW01



FEATURES

- Various power :Lithium battery or direct current power supply for option.
- Dual function:temperature and liquid level can measured together.
- High accuracy: 0.1%F.S high accuracy,suitable for precision industrial applications.
- Long service life: working life up 10years more.
- Diversified output mode: 4 ~ 20mA/0 ~ 5V/0 ~ 10V/RS485/Hart output signal.
- 150°C high temperature liquid measuring.
- Food grade liquid measuring.

Applications

- Water tank monitoring.
- River&Flood water monitoring.
- Sewage water monitoring.
- Urea level measuring.
- Diesel&Gasoline level measuring.
- Adblue tank level measuring.
- Kerosene level measuring.

Specifications

Type	YW01
Measuring Medium	Liquid (compatible with 316L stainless steel)
Range	0~500m
Accuracy	±0.5%(Other Accuracy can be customized)
Overload	200%
Response time	8ms
Working temp.	-20~+50°C,150°C customized
Power supply	DC12~32V(Default 24V),battery

Output	4~20mA(2-wire)、0~5V(3-wire)、1~5V(3-wire)、0~10V(3-wire)、RS485
IP rating	IP68
Zero Temp. Drift	±0.2%
Sensitivity Drift	±0.2%
Insulation	100MΩ/DC 250V

Model Code Selection Table

Part	Number
Selection Type	YW01-01(Standard); YW01-02(Display); YW01-03(High temp)
Signal Output	S1: 0.5-4.5V S2: 4-20mA S3: 0-10V S4: 1-5V S5: RS485 S6: Double 4-20mA(temp&level) S7: Double RS485(temp&level) S8: Hart X: By customized
Power	P1: 12V DC P2: 24V DC P3: 5V DC P4: 3.6-5V DC P5: Battery X: By customized
Level Range	L1: 0~1 L2: 0~2 L3: 0~3 L4: 0~4 L5: 0~5 L6: 0~6 LX: By Customized
Level Units	M: m B: bar P: psi K: kPa
Applications	W: Water F: Diesel G: Gasoline K: Kerosene X: Other liquid
Accuracy	1: 0.5%F.S(Standard); 2: 0.25%F.S; 3: 0.1%F.S(Customized)
Cable length	00: Non-Cable; 01: Cable 1m ; 02: Cable 2m; X: By customized