

CS-PT400 series---- Submersible Level Transmitter

Feature

- ☆ ± 0.25 、 $\pm 0.5\%$ F.S
- ☆ Diffused silicon pressure transmitter
- ☆ Several special structures for different usage
- ☆ Submersible Level Transmitter
- ☆ Multiply measurement range and output
- ☆ Non-polarity two wire current output
- ☆ Reinforcement cables optional
- ☆ CE. Intrinsically safe, explosion proof

Application

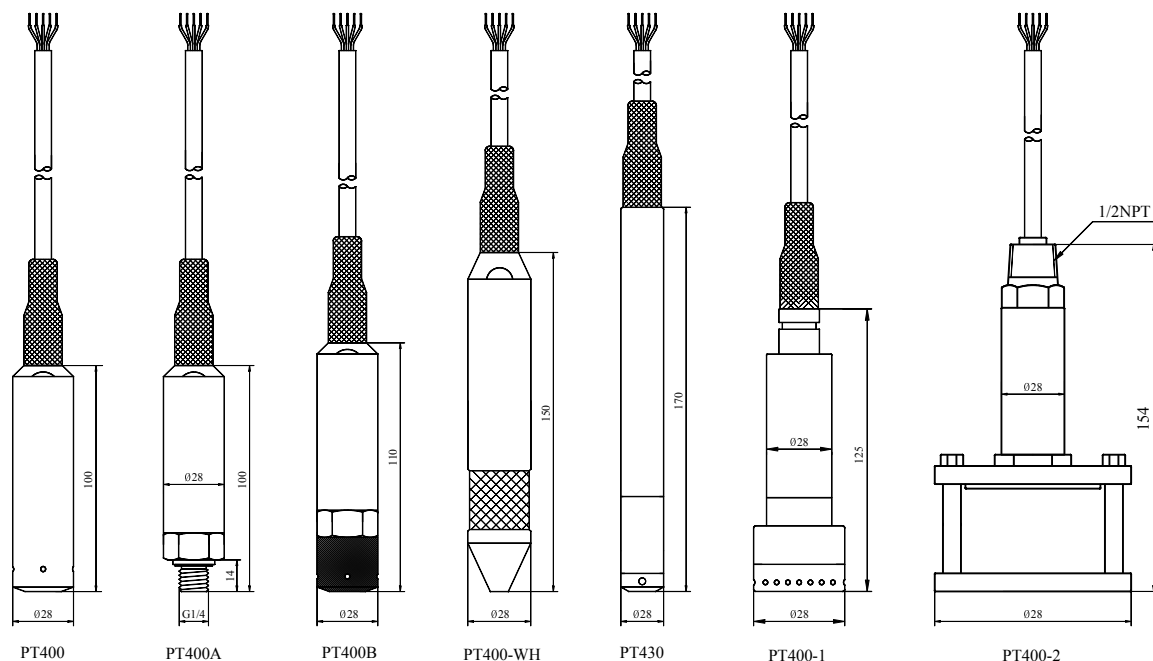
- ☆ Deep water level measurement
- ☆ Hydrologic monitoring
- ☆ Wastewater treatment
- ☆ Muddy liquid level monitoring
- ☆ Tank level monitoring
- ☆ Water-saving irrigation
- ☆ Circulating fluid monitoring
- ☆ Abstraction works



Product description

CS-PT400 Series Level sensors has multiply structures for different applications. It's a high accuracy, compact structure, long terms stability product, it is with high resistance of abrasion, oil, acid and alkali cables. CS-PT400 series level sensor can satisfy various special purposes of level measurements. It's widely used in wastewater treatment, water supply, reservoirs/lakes/river water monitoring. The series comply with intrinsically safe explosion-proof and CE certification. PT400=universal type, PT400A= screw installation, PT400B=emerge & screw PT400E=explosion-proof, PT-400D= flame-proof, PT400L=lightning-proof, PT400-1 is special for the waste water treatment field. PT400-2 is mainly for the high-density fluids. PT400-WH mainly used for the hydrologic monitoring. PT430 is special for the deep well level measurement.

Dimension



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Technical parameters

| Parameter | Value | | | Note |
|--------------------------|---|-------------|----------|------------|
| Measure Range | 0~500mH ₂ O | | | |
| Overload Pressure | 1.5×RP(rated pressure) | | | |
| Broken Pressure | 3.0×RP(rated pressure) | | | |
| Accuracy | ±1.0%F.S, ±0.5%F.S, ±0.25%F.S | | | |
| Operate Temperature | - 40℃~+85℃ | | | |
| Compensation Temperature | -10℃~70℃ | | | Customized |
| Media Compatibility | Corrosive medium compatible with Cr18Ni9Ti and 316L | | | |
| Wires | Two-wire | Three -wire | | |
| Output Signal | 4~20mA | 0/1-5V | 0-10V | |
| Power Supply | 12~30Vdc | 12~30Vdc | 12~30Vdc | |
| Load | (U-10)/0.02(Ω) | >100kΩ | | |
| Insulation | > 100M Ω@50V | | | |
| Electrical connector | Five level protection.IP68 | | | |
| Pressure Port | G1/4, Embedded type | | | |
| Response Time | 10ms | | | |
| Pressure Form | Gauge G, Absolute A | | | |
| Compliant | Intrinsic Safety E, RoHS, CE,Explosion-proof D | | | |
| EMC | EMI:EN50081-1/-2: EMS: EN50082-2 | | | |

Type Selection Guide

