

CS-PT430 Series Level Transmitter

Accuracy: $\pm 0.25\%$ F.S
19mm diameter housing
Multiple measurement range and Signal output
Submersible installation
Non-polarity two-wire current output

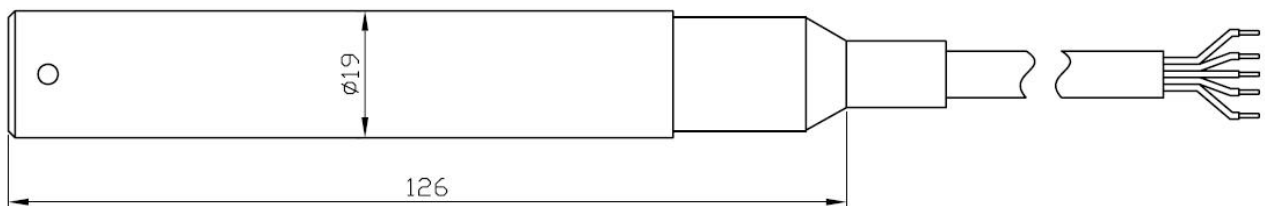
Applications:
Hydraulic monitoring
Constant water supply
Dam water level
Sewage water treatment
Underground water level
Ocean water level
Liquid level in tank

Description

CS-PT430 series level transmitter features a 19mm diameter housing, reliable and highly accurate liquid level measurement for water, diesel, and mild corrosive liquid.

This series adopts stainless steel housing, high performance sensor, and ASIC to ensure a wide range of applications. Vented inside cable are provided as air reference.

Dimensions




CS-PT430

Technical Specifications

| Items | Specifications |
|--------------------------|--|
| Measurement range | 0-1 to 0-200mH ₂ O |
| Over pressure | 1.5 times of full range |
| Burst pressure | 3 times of full range |
| Accuracy | ±0.25%F.S |
| Stability | Typical value: 0.1%F.S, Maximum value: 0.2%F.S |
| Operation temperature | — 40℃ ~85℃ |
| Compensating temperature | — 10℃ ~70℃ |
| Medium Compatibility | All corrosive medium compatible with 1Cr18Ni9Ti and 316L |
| Electrical feature | Two-wire type Three-wire type |
| Signal output | 4~20mA 0~5V 0~10V |
| Power supply | 12~36Vdc 10~36Vdc/ac 12~36Vdc/ac |
| Load resistance | (U-10)/0.02(Ω) >100kΩ |
| Insulation | >100M Ω@50V |
| IP rate | IP68 |
| Installation type | Submersible or others |
| Response time | 10ms |
| Pressure type | Gauge or absolute pressure: |
| Certificate | Intrinsically safe certificate, CE certificate |
| Medium compatibility | Electromagnetic radiation: EN50081-1/-2; Electromagnetic sensitivity: EN50082-2; |

Electrical Connection

| | Line color | Line define | |
|---|--------------|---------------------|---------------------|
| | | Two line | Three line |
|  | Red | Supply power (U+) | Supply power (U+) |
| | Green / Blue | Current output (IO) | Voltage output (VO) |
| | Black | | GND |
| | Yellow | Shield (PE) | Shield (PE) |

Installation

