

Differential Pressure Transmitter for Liquids

EquinoxTM

CS-PT500/500T series is a high reliability, high stability and high accuracy differential pressure transmitter by our R & D Dept recent years research. Widely used in liquid , gas differential pressure measurement, such as water, oil, mild corrosive liquid.

This product adopt 1Cr18Ni9Ti stainless steel. The imported oil-filled differential pressure core, special amplifier and V/I convertor to switch circuit ensure resistance to high voltage, current and magnetic field and non-polarity leads. This product has got intrinsic safety certification, explosion proof certification and CE certification. This product can made programme calibration on request according to on-site environment. The lead of two-wire circumfluent is no-polarity, but the three-wire voltage output is Vdc / ac.

CE



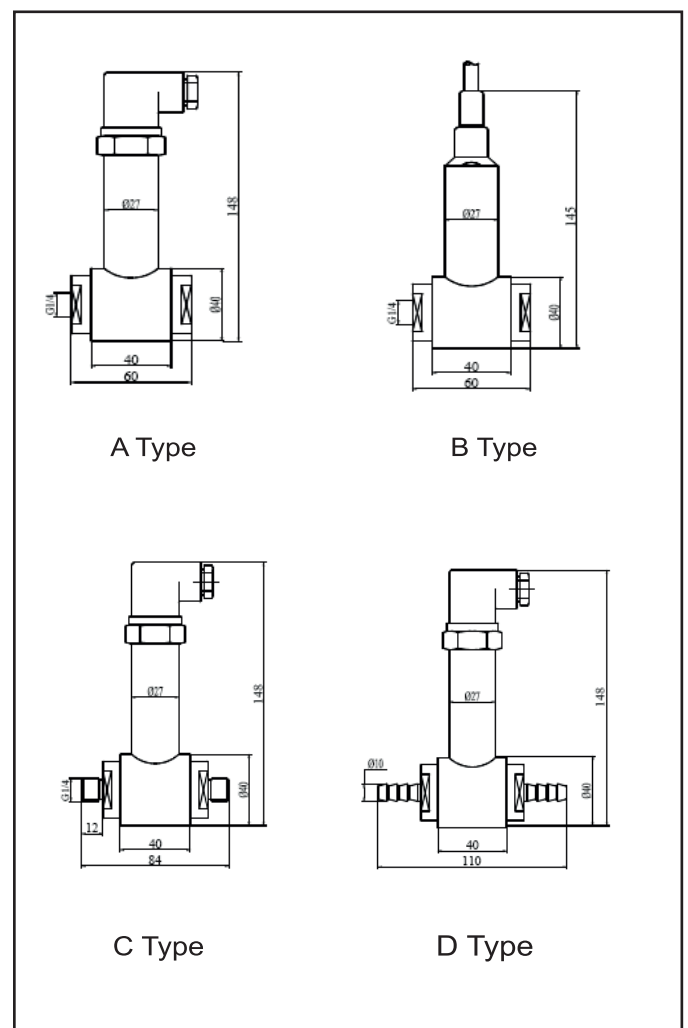
Feature

- OEM Provided
- Piezo- Resistance Diffuse silicon Sensor
- VDC/AC Voltage output
- Intrinsic Safety Certification
- Explosion Proof Certification
- CE Mark
- Multiple Measurement range and Signal Output

Application

- Flow Measurement
- Sewage Treatment
- Wind Differential Pressure under coal-mine
- Hydroelectric Station water Head
- Urban Flood proof & drainage
- Underwater Project
- Underground Water Monitoring
- Water - save irrigation

MODEL: EQ- PT500



Technical Data

| Name | Specification | | | Remarks |
|--------------------------|--|------------------|----------------|--|
| Measurement Range | ±5kPa ... ±5000kPa | | | 1MPa - 10 Bar |
| Overload Pressure | 1.5 times Rated Pressure | | | |
| Pipeline Static Pressure | 3, 5, 10 times rated pressure, 20MPa | | | |
| Accuracy | ±0.1%F.S, ±0.25%F.S, ±0.5%F.S | | | |
| Stability | Typical Value: 0.1% F.S, Max. 0.2%F.S | | | |
| Operation Temperature | -40°C ~ 85°C | | | |
| Offset Temperature | -10 °C ~ 70°C | | | |
| Electrics Feature | Two-wire Type | Three -wire Type | | |
| Signal output | 4-20mA | 0~5 V | 0 ~ 10V | |
| Power Supply | 10-36Vdc | 10 ~ 36Vdc /ac | 12 ~ 36Vdc /ac | |
| Load Resistance | (U-10)0.02(Ω) | >100kΩ | | |
| Insulate | > 100MΩ@50V | | | |
| Electrics connector | Waterproof lead with foxed cover, Protection Rank: IP68: Connector: DIN43650, Shell Protection : IP65 | | | Vdc/ac means Both use DC & AC |
| Pressure Junction | Outside & inside: G1/4 ; hose connection : RG = Ø8, air tap | | | |
| Response time | 10ms | | | |
| Pressure form | Differential Pressure | | | |
| Certification | Explosion Certification, CE Certification | | | Custom service offered on your request |
| Lightning proof | Air-conduction pressure : 8000V, Shell & cable conduction pressure : 4000V | | | |

Ordering Code

