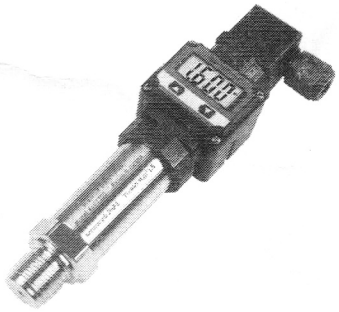
Make industrial control more intelligent efficient and safe!

ACPT300 Pressure Transmitter



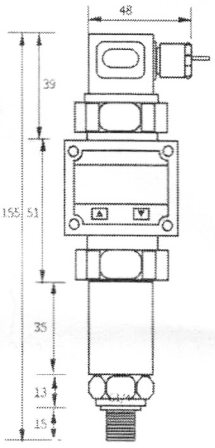
Brief description

1. ACPT300 series pressure transmitter pressure sensitive core adopts high-performance silicon pressure resistance to fill the core. The internal ASIC conversion sensor's millivolt signal is converted into standard voltage, current or RS485 signal, with strong photoelectric isolation to ensure stable output. It can be directly connected to a computer, digital display or PLC. The current output mode can be used for long distance transmission.

2. It has small volume,light weight, all stainless steel sealed structure, easy to install and has high anti-vibration and anti-impact performance.

3. It is widely used in control, aviation, aerospace, automotive, medical equipment, HVAC and other fields.

Product dimension



Product advantages

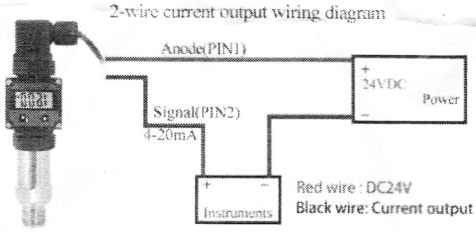
- Accurately measure the Gauge pressure, Absolute pressure.
- High Precision,Isolation circuit board.
- Microamplifier, output of voltage, current and RS485 signals.
- Strong anti-interference and long-term stability.
- Diversification of shape and structure.
- Guarantee period: 18 months.

Mainly technical parameters

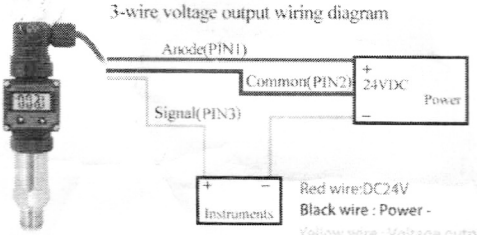
Model: ACPT300-T3C
Measuring range: -0.1...0...60MPa
Pressure type: Gauge pressure, Absolute pressures
Output single: 4~20mA, 1~5V, 0~10V, RS485
Power supply: 12~36VDC, 24VDC
Accuracy: 0.5%F.S, 0.2%F.S
Compensation temperature: -10~70℃
Medium temperature: -40~80℃
Environment temperature: -40~85℃
Zero tempe drift: ±0.03%F.S/℃
Sensitivity temperature drift: ±0.03%F.S/℃
Overload: 150%F.S
Long-term stability: ≤0.2%F.S/year
Inherent frequency: 5kHz~650kHz
Protection grade: IP65

Wiring diagram

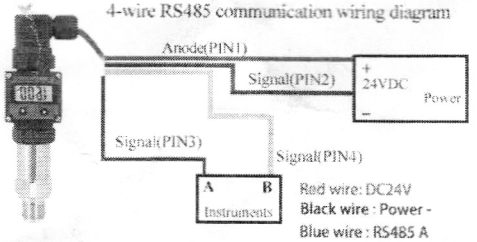
2-wire current output wiring diagram



3-wire voltage output wiring diagram



4-wire RS485 communication wiring diagram



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