

Precision Differential Pressure Transmitter

General information about ADIP-608IP Intelligent High Precision Differential Pressure Transmitter

Features:

- High reference accuracy up to 0.075%, higher on request.
- Long-term drift $\leq \pm 0.15\%$ URL for 5 years.
- Range down ratio 100:1; higher on request.
- Replaceable display unit & electronic module.
- Universal electronics.
- Menu-guided operation.
- Factory default data recovery is supportive



Applications:

- Gauge absolute and differential pressure measurement in gases, steam or liquids in all areas of engineering process and measurement.
- Level volume or mass measurement in liquids.
- Working with detecting element, measure the flow of gases, steam and liquid flow. (volume and mass flow)
- High pressure up to 40bar.

Technical specification of the device:

- Applicable media: liquid, gas and steam
- Pressure range: -4000kPa~4000kPa
- Accuracy: 0.075%, higher on request
- Stability: $\pm 0.15\%$ of URL for 5 years
- Temperature drift: $\pm 0.03\%$ of URL/ 10°C
- Output signals: 4~20mA, Hart, Profibus-PA for option, FF per request
- Display: LCD, or pointer optional
- Housing material: Aluminum14
- Mechanical connection: M20 \times 1.5;G1/2;1/2NPT
- Protection class: IP66/67
- Ex-proof: Exia II CT4, other option per request
- Power Supply: 10.5-55V DC 10.5-30V DC
- Ambient temperature: -40 to 85°C , -40 to 80°C for LCD header
- Storage temperature: -45 to 85°C , -40 to 80°C for LCD header ;
- Measurement: with display: 95*126*52 (mm)/without display: 95*115*52 (mm)
- Net Weight: 4kg (without bracket or process connection)

