

High Temperature Pressure Transmitter

This high-temperature pressure transmitter is designed for accurate pressure measurement in demanding environments. It features a robust stainless steel construction and a high-temperature sensor, enabling reliable operation in extreme temperature conditions.



Product Overview

High-Performance Thermal Stability

The T1800 spray-diaphragm pressure transmitter is engineered for high-accuracy measurement in extreme temperature environments ranging from -50°C to 150°C. Utilizing a robust, fully welded stainless steel construction without O-rings, it provides exceptional durability and reliability for demanding industrial applications. With multiple output signals and versatile pressure connection options, it is perfectly suited for use in motor engines, hydraulic lubrication systems, and natural gas storage equipment.

Performance Metrics

Key Performance Metrics

0.1 % F.S

Best Accuracy

150 °C

Max Temperature

200 MPa

Max Pressure

Technical Specifications

Environmental & Construction

| Feature | Specification |
|------------------------|----------------------------|
| Operating Temperature | -50°C to 150°C |
| Compensated Temp | -20°C to 120°C |
| Material Compatibility | 1Cr18Ni9Ti Stainless Steel |
| Vibration Resistance | 10g / 5~2000Hz |

Connections

M20x1.5, G1/4, G1/2, R1/2, NPT1/2, NPT1/4

Electrical Data

Output Signals

- 4~20mA
- 0~20mA
- 0~10mA
- 0~5V
- 0~10V

Supply Voltage

12~30Vdc