

Main Specifications

▼ Pressure connection

Material: SS 304

Thread spec. for 0~400MPa ▼
M20 x 1.5 / G1/2"Thread spec. for 400~600MPa ▼
M22 x 1.5 / M27 x 2Other thread spec. available
upon request

▼ Electrical connection

Hirschmann connector
(DIN 43650) / Cable outlet

▼ Sealing

NBR

▼ Pressure range

0..400 to 6000bar

▼ Pressure type

Gauge pressure

▼ Applicable fluid

Liquid and gas that compatible
with SS 304

▼ Media temperature

-20 to 85°C

▼ Storage temperature

-40 to 125°C

▼ Vibration resistance

Vibration: 20g (20-5000Hz)

Impact: 100g (11ms)

▼ Protection level

IP 65

Other Specifications

▼ Housing

Stainless steel

▼ Power supply

24VDC

▼ Output signal

4~20mA / 1~5V / 0~5V

▼ Measuring elements

Metallic strain pressure sensor

▼ Zero & span temp. drift

0.3% F.S. / 10°C

▼ Accuracy

0.5% F.S.

▼ Stability

±0.15% F.S. / year

▼ Insulation resistance

≥500MΩ / 1000VDC

▼ Compensated temperature

-10 to 70°C /

-20 to 85°C (Option)

▼ Mechanical service life

≥5 million cycles

▼ Pressure rating

Overpressure: 1.25 *F.S.

Burst pressure: 1.5 *F.S.

High Pressure Transmitter

Model: PT-HP

Introduction

PT-HP High pressure transmitter adopts metallic strain as measuring element. PT-HP is designed for high, ultra-high pressure and high impact frequency environment. The special integrated design ensures PT-HP features high stability and reliability.



Due to the variety of customization, the picture is only for reference, please confirm the actual item with our sales. (If there is any change on specification, please take the latest version as standard.)

Features

- OEM service
- Adopts metallic strain pressure sensor to measure high and ultra-high pressure. Measurement range: 0..400 to 6000bar
- The hard metal diaphragm ensures impact resistance performance
- The integrated stainless steel design with easy installation feature ensures long service life in hazardous environment
- Using inorganic material sealing technology to improve aging problem of sealing ring.
- Various types of electrical and thread connections are available for selection
- Anti-vibration, anti-impact, anti-corrosive design
- High anti-interference with long-term stability
- Zero and span calibration



How to order

PT-HP		High Pressure Transmitter			
Code	Pressure connection				
M20	M20 x 1.5 (0~4000bar only)				
4G	G1/2" (0~4000bar only)				
M22	M22 x 1.5 (4000~6000bar only)				
M27	M27 x 2 (4000~6000bar only)				
O	Other (please specify)				
Code	Pressure range				
Custom	0...400 to 6000bar				
Code	Electrical connection				
H	Hirschmann connector (DIN43650)				
C	Cable outlet				
Code	Output signal				
A	4~20mA				
B	1~5V				
C	0~5V				
Code	Other requests				
/A	Third party notarized document				
/B	Inspection report (issued by Re-Atlantis)				
/C	Compensated temperature: -20 to 85°C				
/D	Install a display unit (4~20mA signal output) (3.5-digit LCD display, fixed zero and span, fixed pressure unit)				
/E	Install a display unit (4~20mA signal output) 4.5-digit LCD display, adjustable zero and span, adjustable pressure unit)				
/F	Install a display unit (4~20mA signal output) 5-digit LCD display, adjustable zero and span, adjustable pressure unit, alarm setting available)				
PT-HP	M20	0...400 to 1000bar	H	A	Example: PT-HP-M20-0...400 to 1000bar-H-A+/D