

Pressure Transmitter Model **PT-H**

The PT-H pressure transducer contains a minimum of components; the sensor element, one signal conditioning ASIC and a power stage. The ASIC is a precision CMOS circuit with EPROM data storage utilizing an analog signal path, with the extended temperature range for industrial and automotive applications. The electronic sensor calibration is performed by use of in house designed test and calibration system which utilizes state of the art, electronic trimming technology and A/D converter controlled amplifiers based on switched capacitor technology. The stainless steel pressure port resists unfriendly media such as oil, diesel, fuel, waste water and other unfriendly liquids.

Features:

- Stainless steel Diaphragm
- Poly -Si-SiO₂ - Layer
- Mixed Signal

Applications:

- Hydraulic Controls
- Pump & Components
- Pneumatic Controls
- Water Management
- Petrochemicals



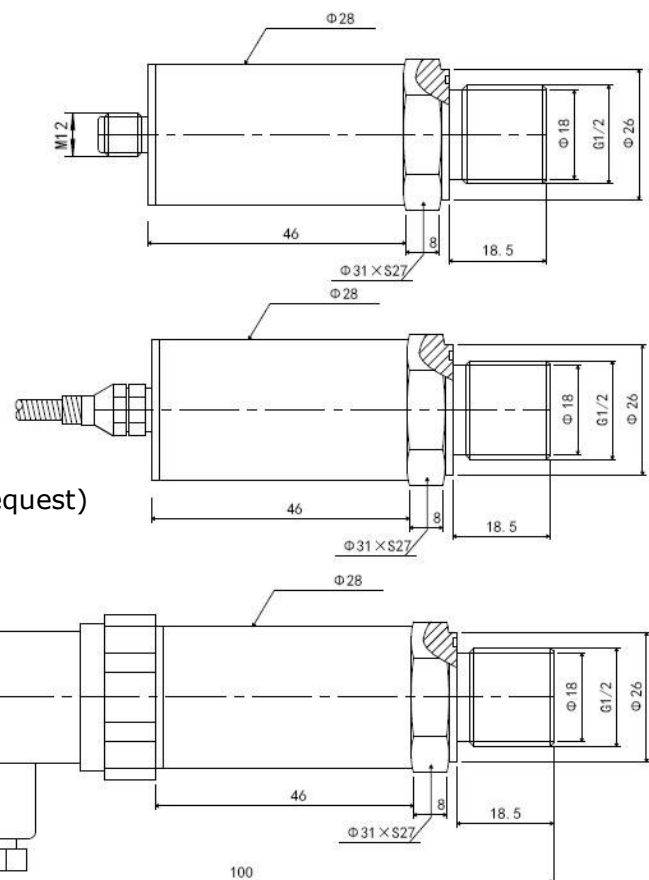
Specifications:

Range:	1 ~ 2000 Bar
Accuracy:	± 0.25% FS
Excitation Voltage:	24 VDC (10-32V DC)
Output:	4- 20mA, 0-5V, 0-10V DC
Temperature:	-40°C ~ 125°C
Over pressure:	1.5× FS
Electrical connection:	M12 / Hirschmann
Process connection:	G1/4 (Other pressure ports on request)

Electrical Characteristics:

	Min.	Type	Max.	
Span		16		mA
Full Scale Output		20		mA
Zero Output		4		mA
Response Time		1		ms
Supply Voltage	10		32	V DC
Loading	Vs-10V / 20mA			

Dimensions:



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