

INDUSTRIAL PRESSURE TRANSMITTER

Model: TPT02 Economical Version

Description

TPT02 eco series of pressure transmitters has been carefully designed to cover the majority of industrial applications with instruments. Compact design and robust construction make these instruments suitable for all application in machine construction, process control, laboratory or quality and materials testing equipment.

Application

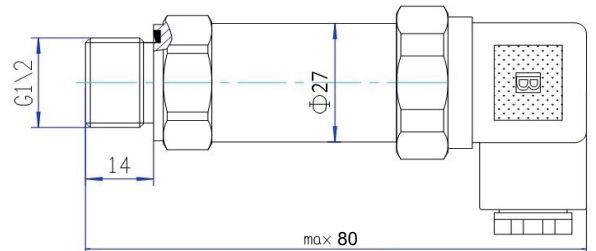
- Mechanical Engineering Industry
- Hydraulic and level measurement
- Gas tank pressure monitoring
- Industrial test and control
- General industrial applications

Feature

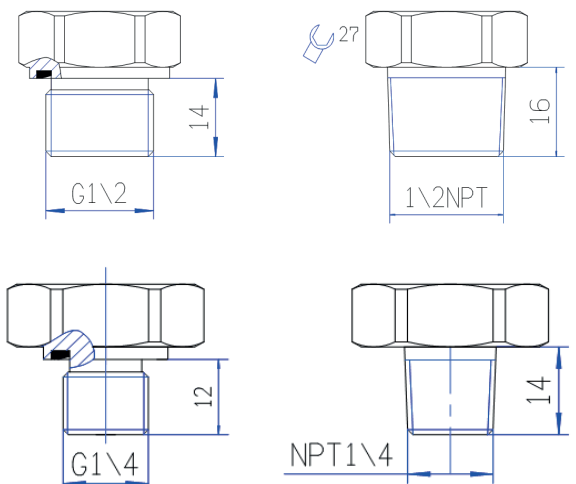
- SS316L or SS304 wetted part
- 4-20mA 2 wire output
- Compact dimensions



Dimensions



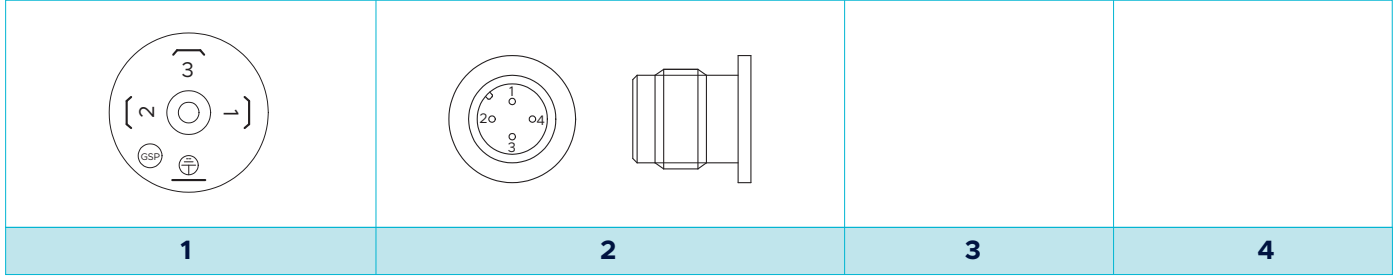
Threads



Specification

Range	0...700bar		
Accuracy	0.25%F.S., 0.5%F.S.		
Thermal effect	0.02%FS/°C		
Long term stability	0.2%FS/year		
Output	4-20mA Two wire only		
Input voltage	12-36VDC		
Operating Temperature	-20-120°C		
Compensated temperature	0-80°C		
Overload pressure	150%FS	Burst pressure	200%FS
Medium material	SS316L or SS304		
Electric connector	Hirschman (DIN43650) or direct cable		
Process thread	G1/4, G1/2(Standard) 1/2NPT, 1/4NPT(optional)		
Vibration resistance	10g (20...2000Hz)		
Life time	10 ⁸ pressure cycles		
Response time	5ms		
Ingress protection	IP65 IP67 and IP68 on request		

Electric Connector



Electric Connection code

Connector type1	Function	Color	4PIN	Connector type2	Function	Color	4PIN
Hirschman 4-20mA	E+	Red	1	M12×1 connector 4-20mA	E+	Red	1
	S+	Black	2		S+	Black	3

Ordering Guide

Model	Range	Output	Screw Thread	Connection	Other requirement
TPT02	---	---	---	---	---

Example: TPT02-50Bar-4/20mA-G1/2-Hirschman

Remarks:

Please connect the pressure transmitter with the opposite connection for difference electric connector. If the pressure transmitters with cable, please refer to label.