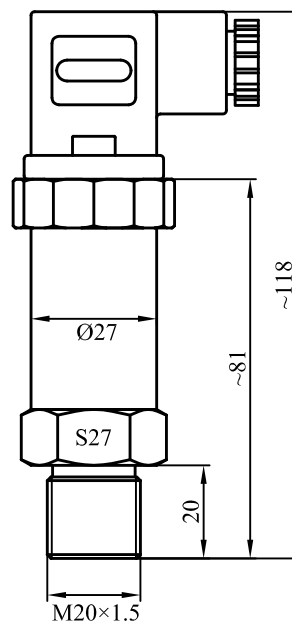


T1050

High accuracy
pressure transmitter



Dimension in:mm

T1050 series are the cost effective products featuring mass production, low cost, extensive application for industrial and civil product. It's widely used for measuring the pressure of gas and liquid, such as water, oil and mild corrosive liquid and gas.

The product is made of 1Cr18Ni9Ti stainless steel and with selected pressure sensing elements which is from well-known international brand. The special circuits for V/I adaptor makes the zero and full range calibration more convenient. Non-polar two-wire current and three-wire AC/DC voltage output are provided. Customized structures and output formats can be designed according to special application requirements, in addition to standards products.

T1050 Order Ref NO

T1050-A4-1.0-M-0.25-H-G-1.0

A B C D E F G

A Output:A4=4~20mA;V05=0. 5~4. 5V;V0=0~5V;V1=1~5V;V10=0~10V

B Measurement range

C Unit of measure : K=kPa;M=MPa;P=psi;B=bar

D Accuracy: 0. 25=±0. 25%F. S;0. 5=±0. 5%F. S

E Electrical connector: H=DIN43650-A;GX=GX16-7;C=Cable

F Pressure connection:G=G1/4;N=NPT1/4;R=R1/4;U=7/16-20UNF;M=M20×1. 5;N2=NPT1/2;G2=G1/2;R2=R1/2

G Cable length (m)

Specification

General	Value			
Measurement Range	0~2.....600bar			
Overload Pressure	1.5 times of full scales			
Burst Pressure	3 times of full scales			
Accuracy	±0.5%F.S			
Long Term Stability	Typical value:0.25%F.S Maximum:0.4%F.S			
Working Temperature	-40℃~85℃			
Compensated Temperature	-10℃~70℃			
Medium Compatibility	ALL corrosive medium compatible with 1Cr18Ni9Ti			
Output Mode	Two-wired	Three-wired		
Output	4~20mA	0. 5~4. 5V	0/1~5V	0~10V
Power Supply	12~30VDC	5VDC	10~30VDC/AC	12~30VDC/AC
Load Resistance	〈U-10〉 /0. 02 (Ω)		〉 100K (Ω)	
Insulation	〉 100M (Ω) @50V			
Electrical Connection	Packard,DIN 43650C,DIN72585,M12,Cable			
Pressure Connection	Male G1/4, G1/2,NPT1/4, NPT1/2, M20 x1. 5			
Response Time	10ms			
Pressure Form	Gauge pressure			
Electromagnetic Compatibility	Electromagnetic transmit: EN50081-1/-2; Electromagnetic sensitivity: EN50082-2			

Conversion: 1bar=14.5psi 1MPa=10bar