



Dimension in:mm

T1030

High accuracy
pressure transmitter



T1030 pressure transmitter is a product which is characterized by high precision, high reliability, high cost effectiveness and flexible range. It is widely used in testing gas and liquid pressure, such as water, oil, light hazardous liquid and gas.

T1030 Order Ref NO

T1030-A4-1.0-M-0.25-H-G-1.0

A B C D E F G

A Output:A4=4~20mA; 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

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	0~20mA\0~10VAC	0/1~5V 0.5~3/4.5V 0~20mA, 0~5/10VDC
Power Supply	10~30VDC	11~30VDC	8~24VDC 5V Ratio 8/11~30VDC
Load Resistance	〈U-10〉 /0.02(Ω) Current model: 〈U-12〉 /0.02(Ω); Voltage model: > 20K(Ω)		
Insulation	> 100M(Ω)@50V		
Electrical Connection	DIN63650,IP65;GX16-7,IP45;Wire,IP68		
Pressure Connection	G1,G1/4,G1/2,NPT1/4,NPT1/2,R1/4,M20×1.5,(Ht)		
Response Time	10ms		
Electromagnetic Compatibility	Electromagnetic transmit:EN50081-1/-2;Electromagnetic sensitivity:EN50082-2		

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