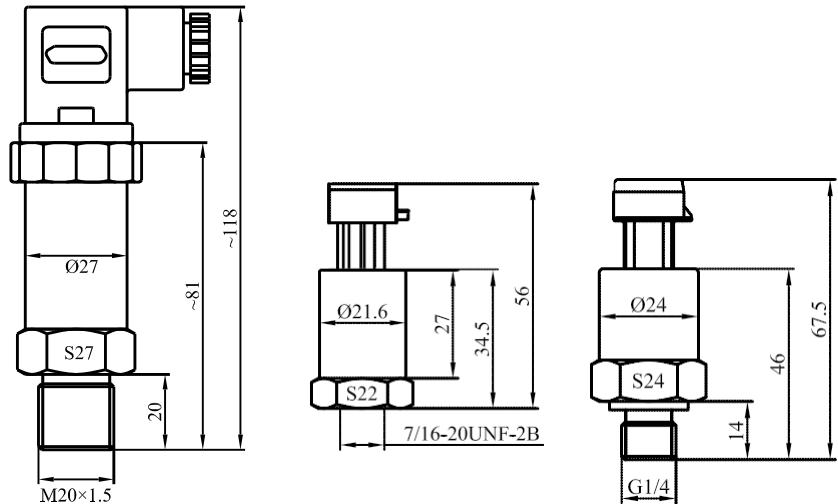


T2000

Pressure transmitter



Dimension in:mm

The heart of T2000 pressure transmitter is a ceramic pressure sensor that is temperature compensated and laser trimmed for accurate span and offset calibration. The typical advantage is the compact size, which make it convenient to be installed in small room.

T2000 Order Ref NO

T2000 - 4 - 20MA - 4 - B - 1.0 - DA - G

A
B
C
D
E
F

A Output: 4~20mA; 0.5~4.5V; 0~5V; 1~5V; 0~10V

B Measurement range

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

D Accuracy: 0.5=0.5%F.S; 1.0=1.0%F.S

E Electrical connector: P=Packard; D=Din43650C; DA=Din43650A; M12=M12X1; C=Cable; DT3P=DEUTSCH-3P

F Pressure connection: G=G1/4(O-ring); GA=G1/4; N=NPT1/4; 20=7/16-20UNF; M14=M14X1.5; G2=G1/2;

Specification

General	Value			
Measurement Range	-1~0.....100bar、0~2.....3bar、0~4.....60bar(normal range)、0~61.....600bar			
Overload Pressure	1.5 times of full scales			
Burst Pressure	3 times of full scales			
Accuracy	±0.5%F.S、±1.0%F.S			
Long Term Stability	Typical value:0.5%F.S Maximum:1%F.S			
Working Temperature	-40℃~100℃			
Compensated Temperature	-10℃~80℃			
Storage Temperature	-50℃~125℃			
Medium Compatibility	All corrosive medium compatible with 1Cr18Ni9Ti stainless steel and ceramic			
Output Mode	Two-wired		Three-wired	
Output	4~20mA	0.5~4.5V	0/1~5V	0~10V
Power Supply	10~30VDC	5VDC	10~30VDC/AC	12~30VDC/AC
Load Resistance	(U-10) /0.02(Ω)		>100K(Ω)	
Insulation	>100M(Ω)@50V			
Electrical Connection	Packard, DIN43650C,DIN72585,M12, Cable			
Protection Grade	IP67			
Pressure Connection	Male G1/4,NPT1/4,7/16-20UNF,M20×1.5,G1/ (Female and other connection is available on request)			
Response Time	10ms			
Pressure Form	Gauge pressure			
Electromagnetic Compatibility	Electromagnetic transmit:EN50081-1/-2;Electromagnetic sensitivity:EN50082-2			

Conversion:1kgf/cm²=14.2psi 1bar=14.5psi