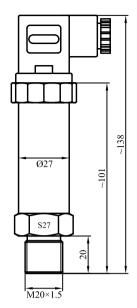
LEFOO



Dimension in:mm

T1800 Order Ref NO







T1800 high temperature Spray-diaphragm pressure transmitter is a product which is characterized by high temperature-proof, wide range and high accuracy. It is widely used in testing gas and liquid pressure, such as water, oil, light hazardous liquid and gas. Spray-diaphragm core refers to spray an insulation layer on the core by chemical method. Then Wheatstone bridge of metal diaphragm type and temperature compensation are sprayed on the insulated body. At last, cover a layer of insulation material on the metal diaphragm resistance. The Wheatstone bridge of metal diaphragm will deform in accordance with the core deformation, which is affected by pressure and give a linear output.

A Output	B Measurement range	C Unit of measure	D Accuracy	Electrical connector	F Pressure connection	GCable length(m)
A4=4~20mA		K=kPa	0.25=±0.25%F.S	H=DIN43650-A	GF=G1/4	
V0=0~5V		M=MPa	$0.5 = \pm 0.5\% F.S$	GX=GX16-7	GM=G1/4 male	e screw
V1=1~5V		P=psi		C=Cable	M=M20×1.5	
V10=0~10V		B=bar	CW=Waterp	proof joint qualification	RG=Ф8 air fauc	et

Specification

General	Value						
Measuring Range	0~1·····2000bar						
Overload capability	2 times full scale						
Burst pressure	4 times full scale						
Accuracy	±0.1%F.S、±0.25%F.S、±0.5%F.S						
Stable	typically 0.25%F.S per year, 0.4%F.S(Max) per year						
Medium temperature range	nperature range -50°C ~150°C (-50°C ~230°C is available on requrest)						
Compensated Temperature	- 20 c ~120 c						
Medium	Liquids and gases, compatible with stainless steel1Cr18Ni9Ti						
Electrical overview	2 wire	3 wire		4 wire			
Output	4~20mA	0~20mA	0~10mA	0~5/10V			
Power Supply	12~30VDC	12~30VDC		12~30VDC			
Load	(U-10) /0.02(Ω)	(U-10) /0.02(Ω)		> 20K(Ω)			
Insulation reistance	>100M(Ω)@50V						
Insulation voltage	500V@60 second						
Vibration / Constant shock	10g/5~2000Hz, axes X/Y/Z20g sine 11ms						
Life	2×106 cycles @25 c						
Electrical Connection	DIN43650C, M12 Series, Packard, Cable						
Pressure connection	M20×1.5、G1/4、G1/2、R1/2、NPT1/2、NPT1/4						
Pressure Type	Guage, Seal Guage, Abosolute						
Electro Magnetic Compatibility	EN50081-1/-2, EN50082-2						

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