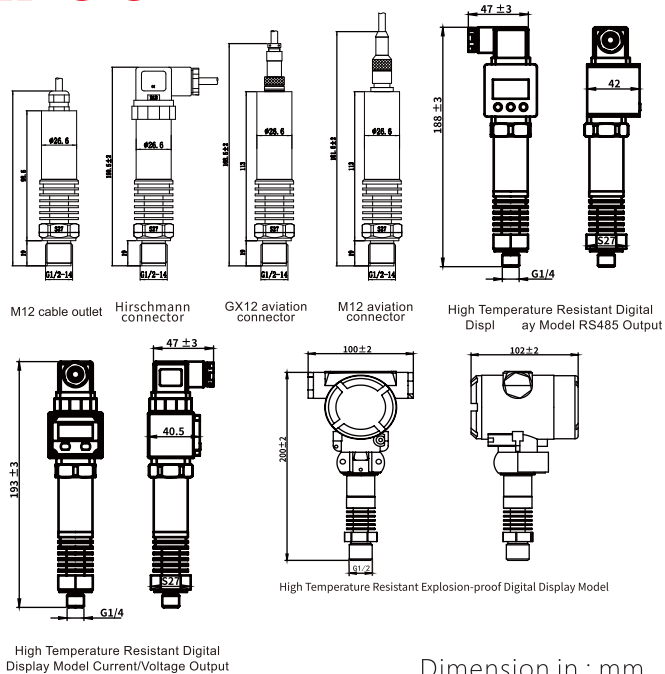




Dimension in : mm

LFT2030

High Temperature Resistance Pressure Sensor



LFT2030 high temperature resistant pressure transmitter adopts high-performance pressure core, and the internal special integrated circuit converts millivolt signal of the sensor into standard voltage, current or 485 signal, which can be directly connected with computer interface card, control instrument, smart instrument or PLC, etc. Long-distance transmission can use the current output method. It has the characteristics of small size, light weight, tall stainless steel sealing structure, etc. and can work in corrosive environment. The product is easy and simple to install, has very good anti-vibration and anti-shock performance, and is widely applied in process control, HVAC, medical equipment and other fields.

LFT2030 Series Order Ref NO

LFT2030 0-60 B A4 1.0 D1 G B N 1.0
A B C D E F G H I

A Range	-100kPa...0~10kPa...60MPa(Oil-filled silicone)			-100kPa~0.3MPa...1.6MPa(ceramics)		
B Measurement Unit	K = kPa M = MPa P = psi B = Bar					
C Output Mode	A4=4~20mA(2-wired) , V05=0.5~4.5V(3-wired) V0 = 0~5V(3-wired) ,V10 = 0~10V(3-wired),RS=RS-485 output(4-wired)					
D Accuracy	0.5 = 0.5%F.S 1.0 = 1.0%F.S					
E Electrical Connection	D1 = DIN43650A(Big hirschman),M =M12(M12 waterproof outlet), C3=GX12 Three-core aviation connector, C4=GX12 Four-core aviation connector,H=M12 Four-core aviation connector,M20=M20waterproof outlet(Explosion-proof digital display)					
F Pressure Connection	G = G1/4 G2 = G1/2 N = NPT1/4					
G Corespecifications	A=Ceramic core B=Oil-filled silicon core					
H Digital Display Mode	N=Without display(General type) D1=General type digital display D2=Explosion-proof digital display					
I Cable Length	1.0 = 1m	2.0 = 2m	3.0 = 3m			

Specification

General	Value				
Measurement Range	-100kPa...0~10kPa...60MPa(Oil-filled silicone)			-100kPa~0.3MPa...60MPa(ceramics)	
Overload Pressure	1.5 times of the rated pressure				
Accuracy	±0.5%F.S			±0.5%F.S/±1.0%F.S	
Stability	<0.5%F.S/year				
Working Temp	-20~+85℃				
Medium Temp	5 pcs heat sink: 180℃, 10 pcs heat sink: 260℃				
Measured Medium	Gas or liquid compatible with S304 and 316LFluorine rubber or Nitrile rubber			Gas or liquid compatible with 1Cr18Ni9Ti, S304Fluorine rubber or Nitrile rubber	
High Temperature Resistant Pressure Transmitter					
Electrical Properties	2-wired	3-wired voltage			4-wired
Output Signal	4~20mA	0.5~4.5V	0~5V	0~10V	RS485
Power Supply	8~36VDC	4.75~5.25VDC	8~36VDC	12~30VDC	10~30VDC
Electrical Connection	DIN43650A(Big Hirschmann),M12 waterproof outlet,GX12 aviation connector(three-core/four-core),M12 four-core aviation connector				
Explosion-proof Digital Display High Temperature Resistant Pressure Transmitter					
Electrical Properties	2-wired	3-wired			4-wired
Output Signal	4~20mA	0~10V			RS485
Power Supply	10~36VDC	12~36VDC			10~36VDC
Electrical Connection	M20 waterproof outlet				
Enclosure Protection	IP54(GX12 aviation connector),IP65(DIN43650A,M12 waterproof outlet,M20waterproof outlet,M12 four-core aviation connector)				
Pressure Connection	G1/4,NPT1/2,G1/2				
Pressure Form	Gauge Pressure G/Absolute Pressure A				
Certification	RoHS, EU electrical safety standard CE				