

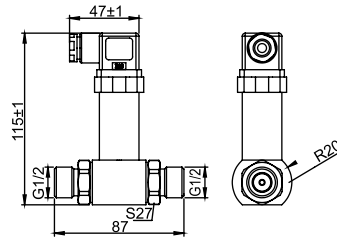
LFT2050

Differential Pressure Sensor

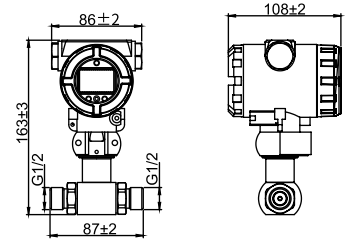


LFT2050 Differential Pressure Sensor uses silicon piezoresistive differential pressure sensor as the core components. Through temperature compensation, digital circuit correction and signal conditioning, it then outputs standard industrial signal. It adopts stainless steel structure shell, with strong corrosion resistance. Featured with advanced design, perfect technology, excellent equipment, stability and reliability, the Transmitter is widely used in various differential pressure measurement, especially in aviation, automobile, chemical industry, medical equipment, shipping, and etc.

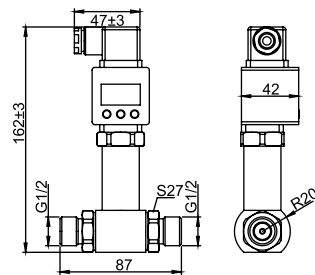
LEFOO



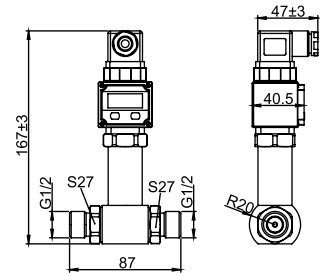
Hirschmann Connector



Explosion-proof Digital Display Model4



Digital Display Model-RS485



Digital Display Model-Current, Voltage

Dimension in : mm

LFT2050 Order Ref NO

LFT2050 0-60 B A4 0.25 D1 G N 1.0
A B C D E F G H

A Range 0~10Kpa...3.5MPa

B Measurement Unit K = kPa M = MPa P = psi B = Bar

C Output Signal A4 = 4~20mA(2-wired) V10 = 0~10V(3-wired) V05=0.5~4.5V(3-wired) V0=0~5V(3-wired) RS= RS-485(4-wired)

D Accuracy 0.25 = 0.25%F.S 0.1 = 0.1%F.S

E Electrical Connection D1 = DIN43650A(Big Hirschmann) M = M12(M12 Waterproof outlet) C3=GX12 Three-core aviation connector C4=4-core aviation connector, H=M12 Four-core aviation connector M20=M20waterproofoutlet(Explosion-proof digital display)

F Pressure Connection G = G1/4 G2 = G1/2 R = R1/4 M = M20*1.5 N = NPT1/4

G Digital Display Mode N=Without display(General type) D1=General type digital display D2=Explosion-proof digital display

H Cable Length 1.0 = 1m 2.0 = 2m 3.0 = 3m

Specification

General	Value				
Measurement Range	0~10Kpa... 3.5MPa				
Overload Pressure	1.5 times of the rated pressure				
Accuracy	±0.25%F.S(100kPa...3.5MPa)/±0.5%F.S(0...100KPa)				
Stability	<0.5%F.S/Year				
Working Temp	-40~60℃				
Storage Temp	-40~100℃				
Measured Medium	Gas or liquid compatible with 304 and 316L stainless steel, Fluorine rubber or Nitrile rubber				
Differential Pressure Transmitter					
Electrical Properties	2-wired	3-wired			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	12~36VDC	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 Differential 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				
Pressure Connection	G1/4,NPT1/4,R1/4,G1/2,7/16-20UNF,M20*1.5,M10*1,M14*1.5 etc.				
Pressure Form	D(Differential pressure)				
Enclosure Protection	IP54(GX12aviationconnector),IP65(DIN43650A,M12 waterproof outlet,M20 waterproof outlet,M12 four-core aviation connector)				
Certification	EU electrical safety standards CE, RoHS				