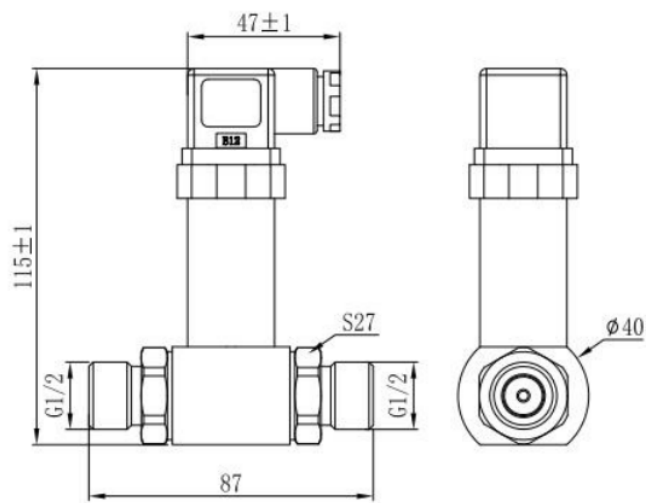


LFT2050
Differential Pressure
Sensor



Dimension in : mm



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.

LFT2050 Order Ref NO

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

A Range	0~10Kpa...3.5MPa		
B Output Signal	A4 = 4~20mA (Two-wired) V10 = 0~10V (Three-wired) RS= RS-485 (Four-wired)		
C Measurement Unit	K = Kpa M = Mpa P = Psi B = Bar		
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) Cable(C3=3-core aviation connector; C4=4-core aviation connector)		
F Pressure Connection	G = G1/4 G2 = G1/2 R = R1/4 M = M20*1.5 N = NPT1/4		
G 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 rated pressure		
Accuracy	±0.25%F.S;±0.5%F.S		
Stability	<0.5%F.S/Year		
Working Temperature	-20~85℃		
Storage Temperature	-40~100℃		
Measured Medium	Gas or liquid compatible with 304 and 316L stainless steel, fluorine rubber or nitrile rubber		
Electrical Performance	Two-wired	Three-wired	Four-wired
Output Signal	4~20mA	0~10V	RS485
Power Supply	10~30VDC	12~30VDC	10~30VDC
Electrical Connection	DIN43650A(Big Hirschmann), M12 waterproof outlet, M12 aviation connector (3-core / 4-core)		
Pressure Connection	G1/4, G1/2, M20*1.5, NPT1/4, and etc.		
Pressure Form	D(Differential pressure)		
Enclosure Protection	Ip65		