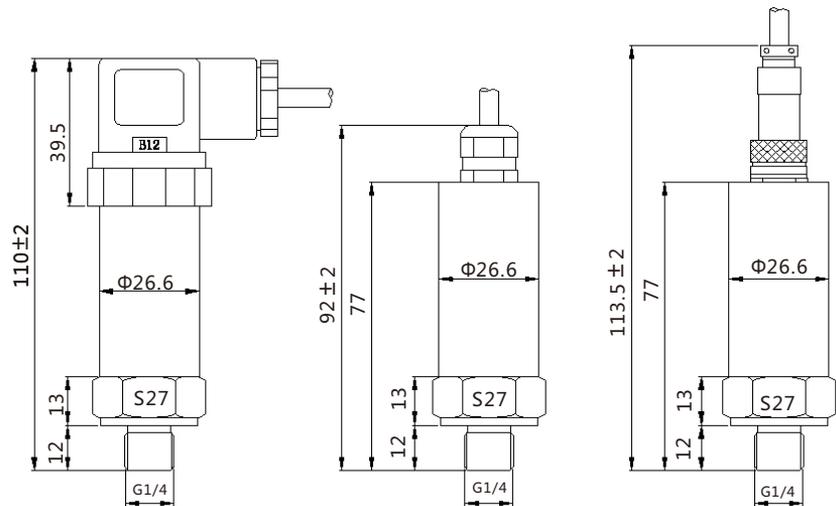


LFT2800

Diffusion Silicon
Pressure Sensor



LEFOO



Dimension in : mm

This product is widely used in fire, water treatment, water supply system, air compressor, pneumatic device, factory automation and other test systems in the fluid medium pressure measurement. With excellent corrosion resistance, wear resistance, using ASIC technology, MEMS technology, digital compensation, it can be applied to a variety of complex environment. Internal pressure core and chip are imported from Germany, using military technology and technology for mass production, advanced design, perfect technology, sophisticated equipment, sound quality assurance system, sold in more than 40 countries around the world.

LFT2800 Series Order Ref NO

LFT2800 0-60 A4 B 1.0 D1 G 1.0
A B C D E F G

A Measurement Range: -100kPa...0~10kPa...60MPa

B Output Mode: A4 =4~20mA(two-wired),V05=0.5~4.5V(three-wired),V0=0~5V(three-wired),V10=0~10V(three-wired),RS=RS-485(four-wired)

C Measurement Unit:K=kpa,P=psi,M=Mpa,B=bar

D Accuracy Class: 0.5 = 0.5%F.S,1.0 = 1.0%F.S

E Electrical Connection: D1=DIN43650A(Big Hirschmann),M=M12(M12 waterproof outlet),
 Cable(C3= Three core aviation connector;C4=Four core aviation connector)

F Pressure Connection: G=G1/4,G2=G1/2,N=NPT1/4,M=M20*1.5,R=R1/4,B=BSP1/4,U=7/16-20UNF external screw

G Cable Length: 1.0 = 1m,2.0 = 2m,3.0 = 3m

Specification

General	Value				
Measurement	-100kPa...0~10kPa...60MPa				
Overload	1.5 times full scale				
Accuracy	±0.5%F.S/ ±1.0%F.S				
Stability	<0.5%F.S/Year				
Working	-20°C~ +85°C				
Storage	-40°C~ +100°C				
Medium Compatibility	All gas or liquid medium which can compatible with 304 & 316L stainless steel,fluorine rubber or NBR.				
Electrical	Two-wired	Three-wired			Four-wired
Output Signal	4~20mA	0.5~4.5V	0~5V	0~10V	RS485
Power Supply	10~30VDC	4.75~5.25VDC	10~30VDC	12~30VDC	10~36VDC
Electrical Connection	DIN43650A(Big Hirschmann), M12 Waterproof outlet,M12 Aviation connector(three core/four core)				
Protection	Ip65				
Pressure	G1/4、NPT1/4、R1/4、M10*1、7/16-20UNF、G1/2、M20*1.5、M14*1.5 etc				
Pressure Form	Gauge pressure G / Absolute pressure A				
Certification	Safety explosion-proof type E, RoHS, EU CE, REACH				