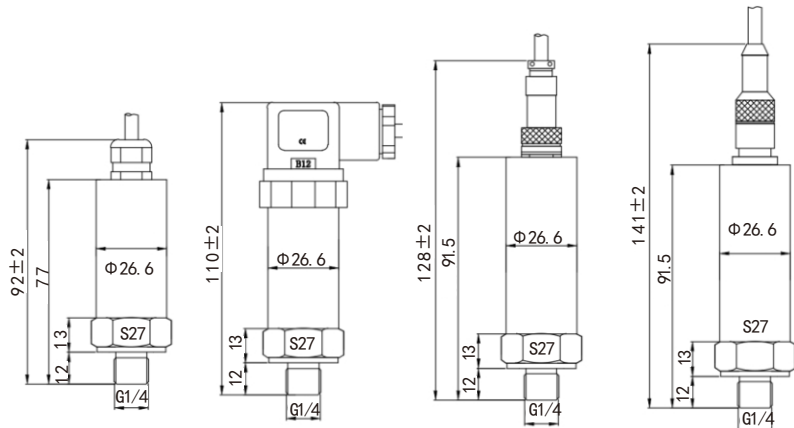


LFT2800

Pressure Transmitter

LEFOO



M12 cable outlet Hirschmann connector GX12 aviation connector M12 aviation connector

Dimension in : mm

LFT2800 pressure transmitter is widely used in the measurement of fluid medium pressure in test systems such as fire protection, water treatment, water supply systems, air compressors, and pneumatic device and factory automation. It has excellent anti-corrosion and anti-wear performance, adopts ASIC technology, MEMS technology, digital compensation, and can be applied in various complex environment.

LFT2800 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 (2-wired), V05=0.5~4.5V(3-wired), V0=0~5V(3-wired), V10=0~10V(3-wired), RS=RS-485(4-wired)

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

D Accuracy : 0.25 = 0.25%F.S, 0.5 = 0.5%F.S, 1.0 = 1.0%F.S

E Electrical Connection: D1=DIN43650A(Big Hirschmann), M=M12(M12 waterproof outlet)

C3=GX12 Three-core aviation connector, C4=GX12 Four-core aviation connector, H=M12 Four-core aviation connector

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

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

Specification

General	Value			
Measurement Range	-100kPa...0~10kPa...60MPa			
Overload pressure	1.5 times of the rated pressure			
Accuracy	±1.0%F.S(-100kPa...0~1kPa...2kPa...60MPa)			
	±0.5%F.S(-100kPa...0~3kPa...9kPa...60MPa)			
	±0.25%F.S(-100kPa...0~10kPa...60MPa)			
Stability	<0.5%F. S/year			
Working Temp	-20~85°C			
Storage Temp	-40~100°C			
Measured Medium	Gas or liquid compatible with 304 and 316L stainless steel, Fluorine rubber or Nitrile rubber			
Electrical Properties	2-wired(current)	3-wired(voltage)		4-wired
Output Signal	4~20mA	0.5~4.5V	0~5V	0~10V
Power Supply	8~36VDC	4.75~5.25VDC	8~36VDC	12~36VDC
Electrical Connection	DIN43650A (Big Hirschmann), M12 waterproof outlet, GX12 aviation connector(three-core/four-core), M12 four-core aviation connector			
Enclosure Protection	IP54, IP65			
Pressure Connection	G1 /4, NPT1/4, R1/4, G1/2, 7/16-20UNF, M20*1.5, M10*1, M14*1.5etc			
Pressure Form	Gauge Pressure G/Absolute Pressure A			
Certification	Safety explosion-proof type E, RoHS, EU electrical safety standard CE			

①Measured at 25°C, including the comprehensive accuracy of linearity, repeatability and hysteresis