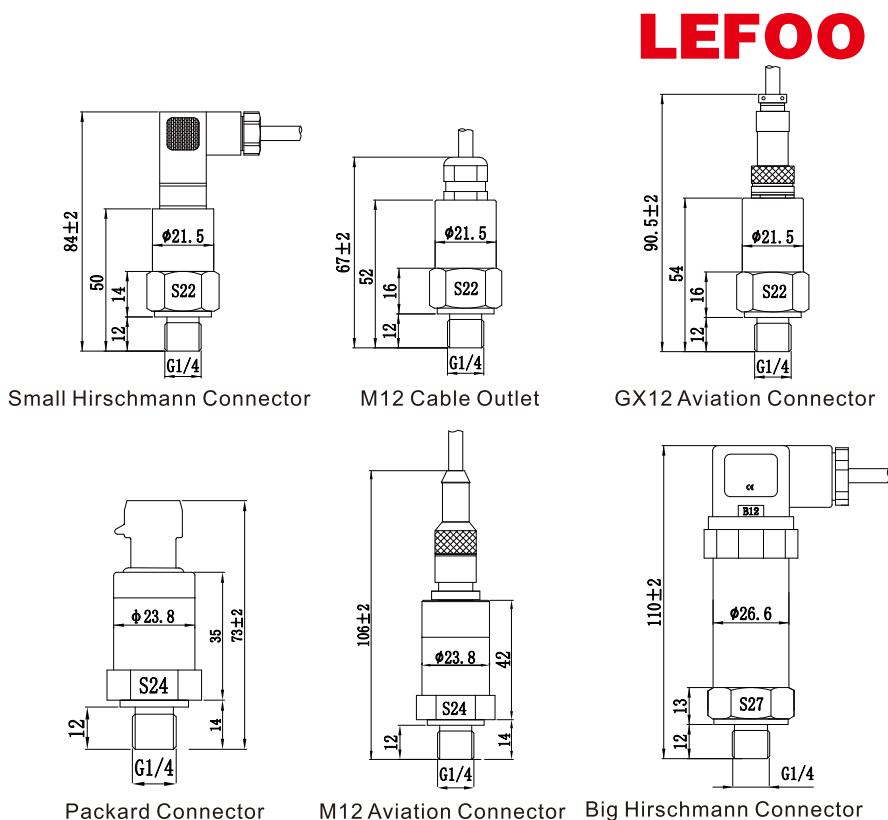


LFT2000

General Type Pressure Transmitter



LFT2000 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, pneumatic devices, and factory automation. Adopt ceramic sensitive diaphragm with high overload capacity. It has excellent anticorrosion and anti-wear performance, adopts ASIC technology, MEMS technology, and digital compensation. And it has the characteristics of small size and low price. can be applied in various complex environment.



LFT2000 Order Ref No.

LFT2000 0-16 B A4 1.0 P G 1.0
A B C D E F G

A Measurement Range: -100kPa~0.3MPa...6MPa, 0~0.3MPa...60MPa

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

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)

D Accuracy: 0.5 = 0.5%FS 1.0 = 1.0%FS

E Electrical Connection: P = Packard(Packard), D = DIN43650C(Small Hirschmann), 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, M20 = M20*1.5, R = R1/4, U = 7/16-20UNF External thread, B = BSP1/4

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

Specification

General	Value			
Measurement Range	-100kPa~0.3MPa...6MPa, 0~0.3MPa...60MPa			
Overload Pressure	1.5 times the rated pressure(up to 80Mpa)			
Burst Pressure	2 times the rated pressure(up to 90Mpa)			
Accuracy	±0.5%F.S, ±1.0%F.S			
Stability	<0.5%F.S/year			
Working Temp	-20~85°C			
Storage Temp	-40~100°C			
Measured Medium	Gas or liquid compatible with 1Cr18Ni9Ti, 304 stainless steel, Fluorine rubber or Nitrile rubber			
Electrical Properties	2-wired	3-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 Connections	Packard, DIN43650C (small Hirschmann), DIN43650A (big Hirschmann), M12 waterproof outlet, M12 aviation connector, GX12 aviation connector (three-core/four-core)			
Enclosure Protection	IP54(GX12 aviation connector, Packard), IP65(DIN43650A, DIN43650C, M12 waterproof outlet, M12 four-core aviation connector)			
Pressure Connection	G1/4, NPT1/4, R1/4, BSP1/4, G1/2, 7/16-20UNF, M20*1.5, M10*1, M14*1.5 etc			
Pressure Form	Gauge Pressure G			
Certification	Safety explosion-proof type E, RoHS, EU electrical safety standard CE			