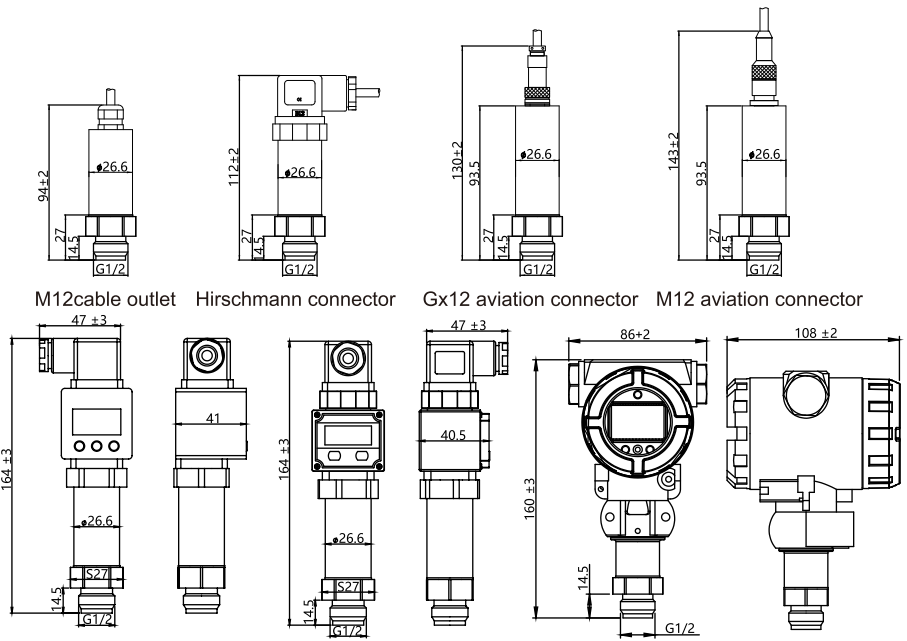


LFT2700

Flat Film Pressure Transmitter



LFT2700 flat film pressure transmitter uses 316L flat film sensor, which has the features of anti-clogging, easy to clean, can directly measure the pressure of viscous liquid, and has excellent corrosion and wear resistance. Adopt ASIC technology, digital compensation, thread connection, easy installation and maintenance, the thread connection can choose a variety of exterior structure and a variety of electrical output mode can be chosen, gauge or absolute pressure diffusion silicon flat film thread sensor can directly measure viscous medium, such as the detection system of chemical coating paint, environmental protection, coal mine, papermaking, food processing, Polyurethane equipment, oil and others.



Digital Display Model-RS485 Digital Display Model-Current, Voltage

Explosion-proof

Digital Display Model

Dimension in : mm

LFT2700 Order Ref No.

LFT2700 0-60 B A4 1.0 D1 G N 1.0
A B C D E F G H

A Measurement Range: -100kPa...0~20kPa...35MPa

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

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), RS = RS-485 Output(4-wired)

D Accuracy : 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 , M20=M20 waterproof cable outlet(Explosion-Proof digital display)

F Pressure Connection: G = G1/2

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

②: When the selected type is conventional digital display flat film pressure transmitter, the cable outlet mode is only large Hirschmann outlet, and the power supply voltage is all 12~30VDC.

Specification

General		Value			
Range	-100kPa...0~20kPa...35MPa				
Overload Pressure	1.5 times of the rated pressure				
Accuracy ^①	±0.5%F.S; ±1.0%F.S				
Stability	<0.5%F.S/year				
Working Temp	-20~85℃				
Storage Temp	-40~100℃				
Measured Medium	Gas or liquid compatible with 304 and 316L stainless steel. Fluorine rubber or Nitrile Rubber				
Flat-film 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 Hirschmannn),M12 waterproof outlet, M12 aviation connector(four cores), GX12 aviation connector (three/four cores)				
Explosion-proof digital display flat film 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	M20waterproofoutlet				
Enclosure Protection	P54(GX12 aviation connector),IP65(DIN43650A,M12 waterproof outlet, M20waterproof outlet,M12 four-core aviation connector)				
Pressure Connection	G1/2				
Pressure Form	Gauge Pressure G/Absolute Pressure A				
Certification	RoHS. EU electrical safety standard CE				

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

www.lefoo.com