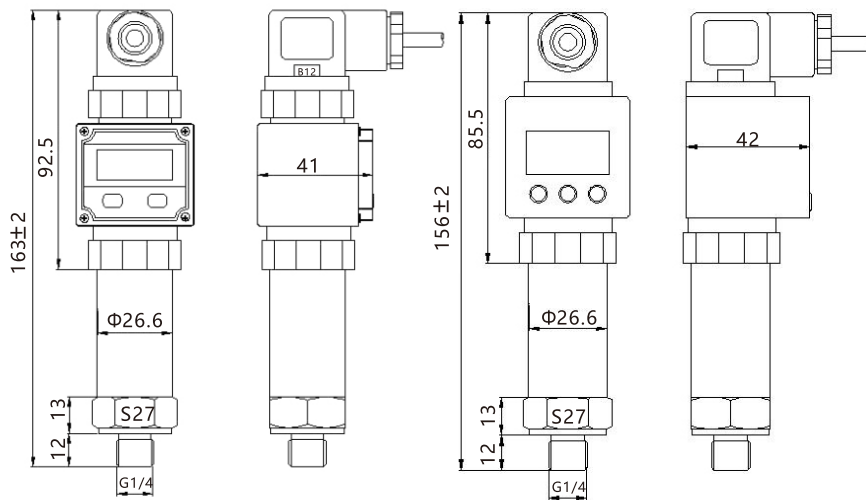


LFT6800

Digital Display
Pressure Transmitter



Current/Voltage Output

RS485 Output

Dimension in : mm



LFT6800 digital pressure transmitter adopts high-performance ceramic core or oil-filled silicone core, with advanced processing circuit and temperature compensation technology. Convert pressure changes into linear current, voltage or RS-485 signals. The product is small in size and easy to install. It adopts a digital display head and a stainless steel shell. It is suitable for measuring media such as gas and liquid which are compatible with the material in contact with it. and can monitor and display the current measured pressure value in real time.

LFT6800 Order Ref No

LFT6800 0-60 B A4 1.0 D1 G A 1.0
A B C D E F G H

A Measurement Range -100kPa...0~5kPa...60MPa Oil-filled silicone/-100kPa~0.3MPa...60MPa ceramic core

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

C Output Mode A4 = 4~20mA(2-wired) V05 = 0.5~4.5V(3-wired) RS = RS-485

D Accuracy Grade 0.5 = 0.5%F.S 1.0 = 1.0%F.S

E Electrical Connection D1= DIN43650A(Big Hirschmann)

F Pressure Connection G = G1/4,G2= G1/2,N = NPT1/4,R= R1/4,M10=M10*1,M20=M20*1.5,M12=M12*1

G Core Specification A=Ceramic Core,B=Oil-filled silicone core

H Cable Length 1.0 = 1m

Specification

General	Value				
Measurement Range	-100kPa...0~5kPa...60MPa Oil-filled silicone			-100kPa~0.3MPa...60MPa ceramic core	
Overload Pressure	1.5times of rated pressure			1.5times of rated pressure	
Accuracy ^①	±1.0%F.S; ±0.5%F.S			±1.0%F.S	
Stability	<0.5%F.S/year			<0.5%F.S/year	
Display Mode	4 digit LCD(current,voltage),5 digit LCD(RS485)			4 digit LCD	
Working Temp	-20~75℃			-20~75℃	
Storage Temp	-30~80℃			-30~80℃	
Measured Medium	Gas and liquid compatible with SS304 andSS316L. Fluorine rubber or Nitrile rubber			Gas or liquid compatible with 1Cr18Ni9TiSS304, Fluorine rubber or Nitrile rubber	
Electrical Performance	2-wired	3-wired	4-wired	2-wired	3-wired
Output Signal	4~20mA	0~10V	Rs485	4~20mA	0~10V
Power Supply	12~30VDC	12~30VDC	12~30VDC	12~30VDC	12~30VDC
Electrical Connection	Big Hirschmann				
Enclosure Protection	Ip54				
Pressure Form	Gauge Pressure G/Absolute Pressur A			Gauge Pressure G	
Pressure Connection	G1/4,NPT1/4,R1/4,M12*1,M10*1,M20*1.5,G1/2 etc.				

①Measured at 25°C, including the combined accuracy of continuity, repeatability and hysteresis.