

LFT6800 Digital Display Pressure Transmitter

FEATURES

- Digital display and press button control
- Vibration and shock resistance
- With reverse polarity protection
- Strong overload and anti-environmental interference ability, economical, practical and stable



DESCRIPTION

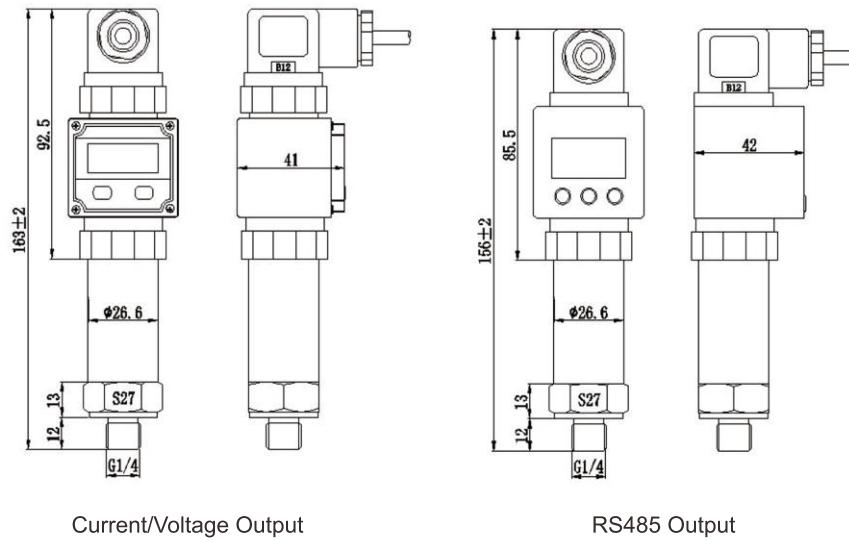
LFT6800 digital pressure transmitter adopts high-performance ceramic core or oil-filled silicon core, with advanced processing circuit and temperature compensation technology. Convert pressure changes into linear current, voltage or RS-485 signals. The product is small in size and easy to install. It 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.

SPECIFICATION

Measurement Range	-100kPa...0~1kPa...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			4 digit LCD
Working Temp	-20~75°C			-20~75°C
Storage Temp	-30~80°C			-30~80°C
Measured Medium	Gas and liquid compatible with SS304 and SS316L, Fluorine rubber or Nitrile rubber			Gas or liquid compatible with 1Cr18Ni9Ti, SS304, Fluorine rubber or Nitrile rubber
Electrical Performance	2wired	3-wired	4-wired	2-wired
Output Signal	4~20mA	0~10V	RS485	4~20mA
Power Supply	12~30VDC	12~30VDC	12~30VDC	12~30VDC
Electrical Connection	Big Hirschmann			
Enclosure Protection	IP54			
Pressure Connection	G1/4,NPT1/4, RI/4, M12*1, M10*1, M20*1.5, G1/2 etc.			

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

DIMENSION (mm)



ORDER REF NO.

Code and description					Remark			
LFT6800					Model			
Range					Measurement Range			
A4					Output Mode			
V05								
RS								
G					Pressure Connection			
N								
R								
M10								
0.5					Accuracy Grade			
1.0								
D1					Electrical Connection			
K					Measurement Unit			
B								
A					Core Specification			
B								
1.0					Cable Length			
1.0					Selection Example			
LFT6800	0-60	A4	G	1.0	D1	B		
					A			