

LFT6800 Digital Display Pressure Transmitter

LEFOO 力夫



Features

- Digital display and press button control
- Vibration and shock resistance
- Reverse polarity protection
- Strong overload and anti-environmental interference, good stability

Description

LFT6800 Digital Display Pressure Transmitter adopts a high-performance ceramic or oil filled sensor, with advanced circuit processing and temperature compensation technology, converting pressure changes into linear current, voltage or RS485 signal. The Transmitter is designed in small size, easy installation. Anti-corrosion stainless steel shell protects the transmitter from corrosion, capable for measuring the pressure of gas and oil that compatible with the contacting material.

Specification

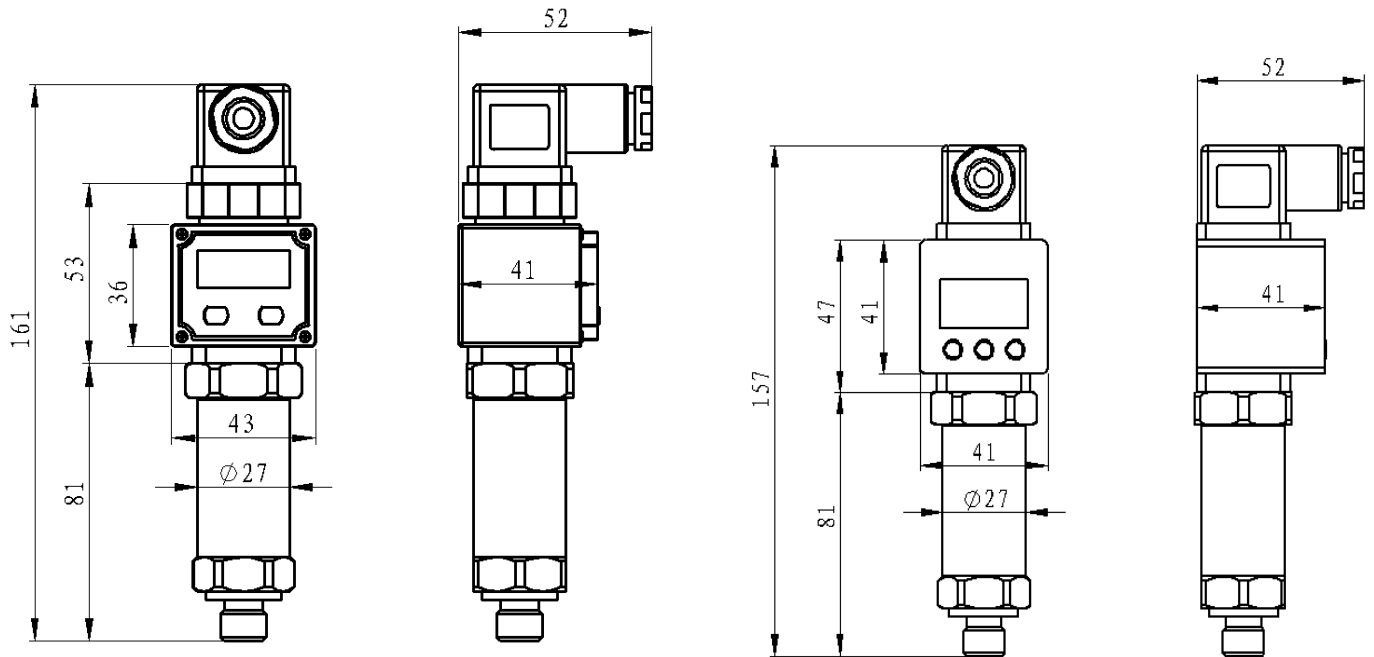
Measurement Range	-100kPa...0~10kPa...60MPa(Ceramic Core Transmitter range span ≥ 0.3 Mpa)		
Overload Pressure	1.5 times of rated pressure		
Accuracy	$\pm 0.5\%$ F.S, $\pm 1.0\%$ F.S		
Display Mode	4 digit LCD		
Working Temperature	-20~75°C		
Storage Temperature	-30~80°C		
Measured Medium	Gas or liquid compatible with 1Cr18Ni9Ti, fluororubber or nitrile rubber; Gas or liquid compatible with S304, 316L, fluororubber or nitrile rubber;		
Electrical Performance	Two-wired	Three-wired	Four-wired
Output Signal	4~20mA	0-10VDC	RS485
Power Supply	12~30VDC	12~30VDC	12-30VDC
Electrical connection	Big Hirschmann		
Enclosure Protection	IP54		
Pressure connection	G1/4, NPT1/4, R1/4, M12*1, M10*1, M20*1.5, G1/2		

Note1: Ceramic core(default): gas or liquid compatible with 1Cr18Ni9Ti, fluororubber or nitrile rubber;

Silicon oil filled Core(customized): gas or liquid compatible with S304, 316L, fluororubber or nitrile rubber;

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Dimension in:mm



Order Ref NO.

Code and Description		Remark						
T6800		Model						
Range	-100kPa~0~10kPa...60MPa Ceramic Core Transmitter range span ≥0.3Mpa	Measurement Range						
A4	A4 = 4~20mA (Two-wire)	Output Mode						
V10	V10 = 0~10V (Three-wire)							
RS	RS = RS-485 (Four-wire)							
K	K = kPa	P	P = psi	Measurement Unit				
M	M = MPa	B	B = bar					
0.5	0.5 = 0.5% F.S			Accuracy Grade				
1.0	1.0 = 1.0% F.S							
D1	D1 = DIN43650A (Big Hirschmann)			Electrical Connection				
G	G = G1/4	G2	G2 = G1/2	Pressure Connection				
N	N = NPT1/4	M2	M2 = M20*1.5					
R	R = R1/4	M3	M3 = M12*1					
M1	M1 = M10*1							
1.0	1.0 = 1m			Cable Length				
T6800	0-60	A4	B	1.0	D1	G	1.0	Model Selection Example