

## LFT2800 Pressure Transmitter

### FEATURES

- Adopt oil-filled silicon core with high overload capacity
- Excellent corrosion and wear resistance
- Using ASIC technology, digital compensation
- Can be applied in a variety of complex environment



### DESCRIPTION

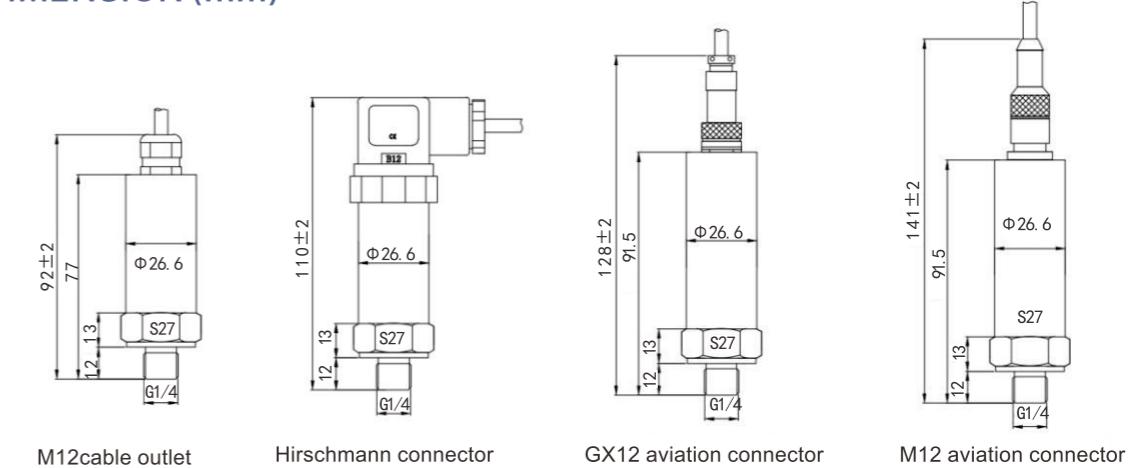
LFT2800 pressure transmitter is widely used in the measurement of fluid medium pressure in test systems such as fire protection, water treatment, water supply systems, air compressors, and pneumatic device and factory automation. It has excellent anti-corrosion and anti-wear performance, adopts ASIC technology, MEMS technology, digital compensation, and can be applied in various complex environment.

### SPECIFICATION

Measurement Range	-100kPa...0~1kPa...60MPa			
Overload pressure	1.5 times of the rated pressure			
Accuracy ①	$\pm 1.0\% F.S$ (-100kPa...0~1kPa...2kPa...60MPa)			
	$\pm 0.5\% F.S$ (-100kPa...0~3kPa...9kPa...60MPa)			
	$\pm 0.25\% F.S$ (-100kPa...0~10kPa...60MPa)			
	<0.5% F.S/year			
Stability	<0.5% F.S/year			
Working Temp	-20~85°C			
Storage Temp	-40~100°C			
Measured Medium	Gas or liquid compatible with 304 and 316L stainless steel, Fluorine rubber or Nitrile rubber			
Electrical Properties	2-wired(current)	3-wired(voltage)	4-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 Connection	DIN43650A (Big Hirschmann), M12 waterproof outlet, GX12 aviation connector (three-core/four-core), M12 four-core aviation connector			
Enclosure Protection	IP54、IP65			
Pressure Connection	G1/4、NPT1/4、R1/4、G1/2、7/16-20UNF、M20*1.5、M10*1、M14*1.5 etc			
Pressure Form	Gauge Pressure G/Absolute Pressure A			
Certification	Safety explosion-proof type E, RoHS, EU electrical safety standard CE			

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

### DIMENSION (mm)



### ORDER REF NO.

Code and description	Remark
LFT2800	Model
Range	-100kPa...0~1kPa...60MPa
A4	A4 = 4~20mA (2-wired)
V05	V05 = 0.5~4.5V (3-wired)
V0	V0 = 0~5V (3-wired)
V10	V10 = 0~10V (3-wired)
RS	RS = RS485 (4-wired)
K	K = kPa
B	B = Bar
0.25	0.25 = 0.25% F.S
0.5	0.5 = 0.5% F.S
1.0	1.0 = 1.0% F.S
D1	D1 = DIN43650A (Big Hirschmann)
M	M = M12 (M12 waterproof outlet)
C3	C3 = GX12 Three-core aviation connector
C4	C4 = GX12 Four-core aviation connector
H	H = M12 Four-core aviation connector
G	G = G1/4
N	N = NPT1/4
R	R = R1/4
B	B = BSP1/4
1.0	1.0 = 1m
2.0	2.0 = 2m
3.0	3.0 = 3m
LFT2800	Selection Example
0-16	
A4	
B	
1.0	
D1	
G	
1.0	