

FEATURES

- Resistant to strong acids and alkalis
- Small size , high precision
- High sensitivity and stable performance
- Strong anti-interference ability and good long-term stability
- Using AS IC digital compensation technology



DESCRIPTION

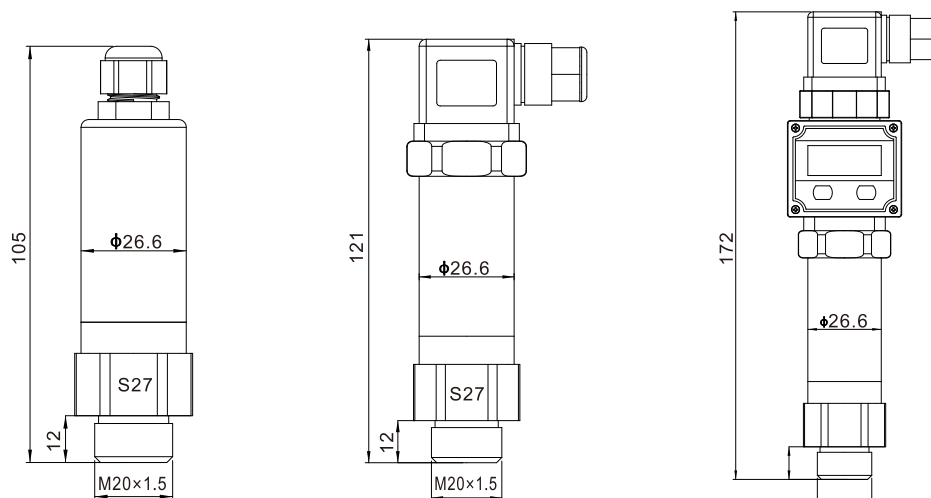
LFT2080 Anti-corrosion Pressure Transmitter adopts a ceramic piezoresistive core with high overload capacity, which has excellent anti-corrosion and anti-wear properties. It adopts AS IC technology and is mainly used for water disinfection, chlorine, chemical industry, battery equipment and other media where the medium is strong acid, strong alkali or other highly corrosive industries, as well as pressure measurement in food hygiene, medical and other industries.

SPECIFICATION

Pressure Range	-100kPa~100kPa...2MPa			
Overload Pressure	1.5 times of the rated pressure			
Destroying pressure	2 times the rated pressure			
Accuracy①	±0.5%F.S、 ±1%F.S			
Stability	<0.5%F. S/year			
Working Temp	-20~80℃			
Storage temperature	-20~80℃			
Measured medium	Gas or liquid compatible with 1Cr18Ni9Ti, PVDF, fluoroelastomer or perfluoroether rubber			
Anti-corrosion pressure transmitter				
Electrical Properties	2 wired	3 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 Cable outlet			
Display anti-corrosion pressure transmitter				
Electrical Properties	2 wired		3 wired	
Output Signal	4~20mA		0~10V	
Power Supply	12~30VDC		12~30VDC	
Electrical Connection	DIN43650A(Big Hirschmann)			
Enclosure Protection	IP65			
Pressure Connection	G1/2、 M20*1.5			
Pressure Form	Gauge Pressure G			
Certification	RoHS			

Note①: Measured at 25℃, including comprehensive accuracy of linearity, repeatability and hysteresis.

DIMENSION(mm)



M12 Waterproof cable outlet

Big Hirschmann

Conventional digital
display-current, voltage

ORDER REF NO.

Code and description										Remark	
LFT2080										Model	
	Range	- 100kPa~100kPa...2MPa								Range	
		K	K = kPa				P	P = psi		Unit	
		B	B = Bar				M	M = Mpa			
			A4	A4 = 4~20mA (2 wired)							Output Mode
			V05	VO5 =0.5~4.5V (3 wired)							
			VO	VO = 0~5V(3 wired)							
			V10	V10 = 0~10V(3 wired)							
				0.5	0.5 = 0.5%F.S						Accuracy
				1.0	1.0 = 1.0%F.S						
					D1	D1 = D IN43650A (Big Hirschmann)					Electrical Connection
					M	M = M12 (M12 waterproof outlet)					
						G2	G2 = G1/2				Pressure connection
						M20	M20 = M20*1.5				
							P	P = PVDF			Shell material
							S	S = Stainless steel			
								N	without display (default)		Display Mode
								D1	with display		
									1.0	1.0 = 1m	Cable Length
									2.0	2.0 = 2m	
									3.0	3.0 = 3m	
LFT2080	0-1	B	A4	1.0	M	G2	P	N	1.0	Example	