

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

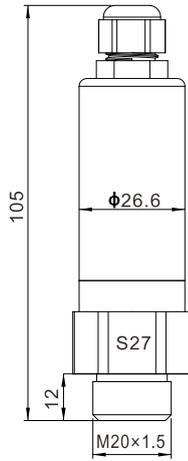
LFT2080 Anti-corrosion Pressure Transmitter adopts a ceramic piezoresistive core with high overload capacity, which has excellent anti-corrosion and anti-wear properties. It adopts AS IC technology and is mainly used for water disinfection, chlorine, chemical industry, battery equipment and other media 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

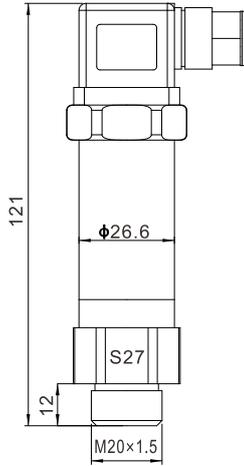
Pressure Range	-100kPa~100kPa...2MPa			
Overload Pressure	1.5 times of the rated pressure			
Destroying pressure	2 times the rated pressure			
Accuracy①	±0.5%F.S、 ±1%F.S			
Stability	<0.5%F. S/year			
Working Temp	-20~80℃			
Storage temperature	-20~80℃			
Measured medium	Gas or liquid compatible with 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.

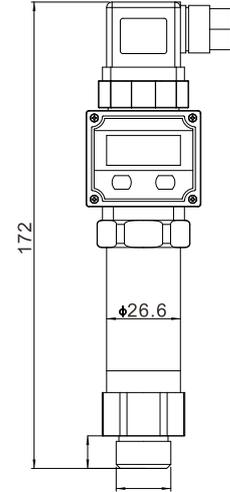
DIMENSION(mm)



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							
B	B = Bar	M	M = Mpa							
A4	A4 = 4~20mA (2 wired)									
VO5	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									
1.0	1.0 = 1.0%F.S									
D1	D1 = D IN43650A (Big Hirschmann)									
M	M = M12 (M12 waterproof outlet)									
G2	G2 = G1/2									
M20	M20 = M20*1.5									
P	P = PVDF									
S	S = Stainless steel									
N	without display (default)									
D1	with display									
1.0	1.0 = 1m									
2.0	2.0 = 2m									
3.0	3.0 = 3m									
LFT2080	0-1	B	A4	1.0	M	G2	P	N	1.0	Example