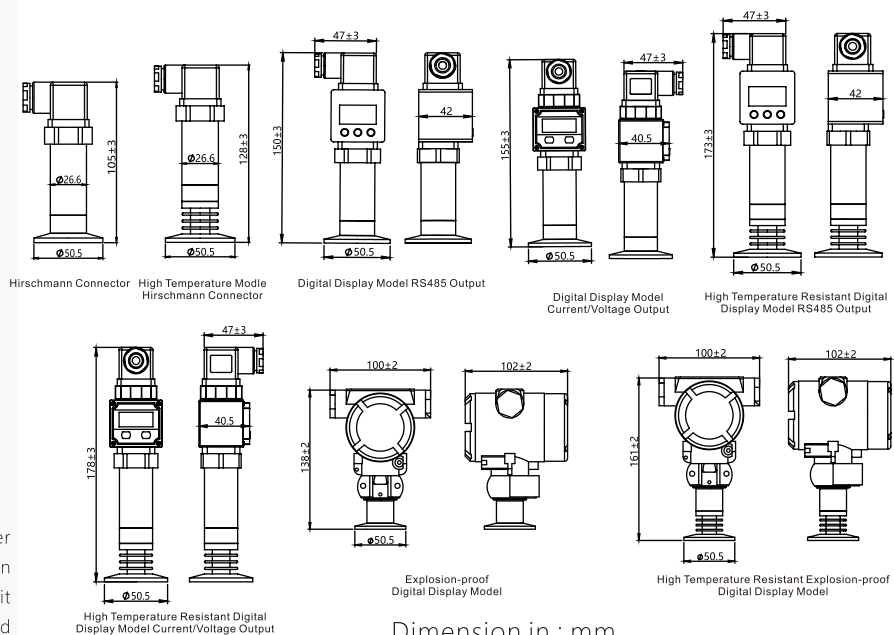


LFT2020

Sanitary Flat Membrane Pressure Transmitter



LFT2020 Sanitary Flat Membrane Pressure Transmitter adopts high-performance oil-filled diffusion silicon core. The internal special-purpose integrated circuit converts the millivolt signal of the sensor into standard voltage, current or 485 signal, which can be directly connected with computer interface card, control instrument, intelligent instrument or PLC. The process connection of the pressure transmitter is sealed by sterile chuck type diaphragm, which is widely applied in the food, dairy, chemical and pharmaceutical industries.



Dimension in : mm

LFT2020 Order Ref NO

LFT2020 0-10 B A4 1.0 D1 K2 N 1.0
A B C D E F G H

A Measurement Range -100kPa...0~10kPa...6MPa

B Measurement Unit K = kPa M = MPa P = psi B = Bar

C Output Mode A4 = 4~20mA(2-wired) V05 = 0.5~4.5V(3-wired) V0 = 0~5V(3-wired) V10 = 0~10V(3-wired) RS = RS-485 output(4-wired)

D Accuracy 0.5 = 0.5%F.S 0.1 = 0.1%F.S

E Electrical Connection D1 = DIN43650A(Big Hirschmann), M = M12(M12 Waterproof outlet), C3 = GX12 Three-core aviation connector C4 = GX12 Four-core aviation connector, H = M12 Four-core aviation connector, M = M20 waterproof cable outlet(Explosion-Proof digital display)

F Pressure Connection K2 = 50.5mm chunk connection

G Digital Display Mode N = Without display(General type), D1 = General type digital display, D2 = Explosion-proof digital display

H Cable Length 1.0 = 1m 2.0 = 2m

Specification

General	Value			
Measurement Range	-100kPa...0~10kPa...6MPa			
Overload Pressure	1.5 times of the rated pressure			
Accuracy ^①	±0.5%F.S			
Stability	<0.5%F.S/year			
Working Tempe ^②	-20~85℃			
Mediam-Temp ^③	-40℃~100℃/-40℃~150℃			
Measure Medium	Media Compatible with 316L Stainless Steel, Selected Rubber Rings			
Sanitary Flat Membrane Pressure Transmitter				
Electrical Properties	2-wired	3-wired	3-wired	4-wired
Output Signal	4~20mA	0.5~4.5V	0~10V	RS485
Power Supply	8~36VDC	4.75~5.25VDC	2~36VDC	10~30VDC
Electrical Connection	DIN43650A (Big Hirschmann),M12 waterproof outlet, M12 aviation connector(four cores),GX12 aviation connector (three/four cores)			
Explosion-proof Digital Display Sanitary Flat Membrane Pressure Transmitter				
Electrical Properties	2-wired	3-wired		4-wired
Output Signal	4~20mA	0~10V		Rs485
Power Supply	10~30VDC	12~36VDC		10~36VDC
Electrical Connection	M20 waterproof outlet			
Enclosure Protection	IP54(GX12 AVIATION CONNECTOR),IP65(DIN43650A,M12 WATERPROOF OUTLET,M20WATERPROOFOUTLET,M12 FOUR-CORE AVIATION CONNECTOR)			
Pressure Connection	50.5mm chuck connection			
Pressure Form	Gauge Pressure G/Absolute Pressure A			
Certification	ROHS,EU electrical safety standard CE			