

LFT3200 Throw-in Type Level&Temperature Pressure Transmitter

FEATURES

- Adopt oil-filled diffusion silicon core with high precision and high overload capacity
- Temperature and pressure dual output, compact structure, saving installation space
- Support Modbus-485 communication protocol (intelligent type)
- Temperature sensitive components and pressure sensitive components are packaged as one whole, closer to the medium temperature



DESCRIPTION

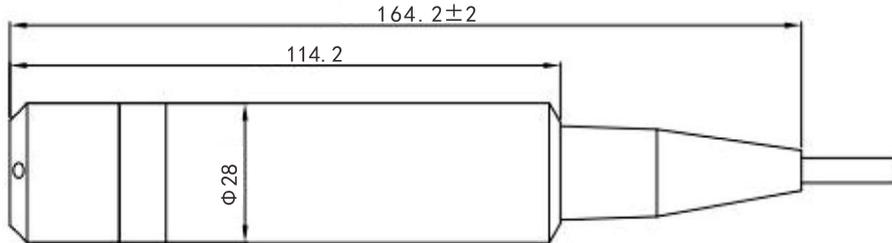
LFT3200 temperature and liquid level integrated pressure transmitter adopts advanced piezoresistive pressure sensor and PT-100 temperature sensor, which is converted into standard output signal through special signal conditioning circuit, with advanced temperature digital compensation, wide operating temperature range, and full output signal. It is suitable for the monitoring of liquid level and temperature in crude oil, food and water treatment systems.

SPECIFICATION

Pressure Range	0~1...200mH ₂ O		
Temperature range	-20~100°C, (PT-100)		
Overload Pressure	1.5 Times of rated pressure		
Accuracy	Pressure: ±0.5%F.S ^① Temperature: ±2%F.S		
Stability	<0.5%F.S/year		
Working Temp	-20~85°C		
Storage Temp	-40~100°C		
Measured Medium	Fluid compatible with 304 and 316L stainless steel, PE, PVC, Fluorine rubber or Nitrile rubber		
Electrical Performance	2-wired	3-wired voltage	4-wired
Output Signal	4~20mA	0.5~4.5V	RS-485
Power Supply	10~30VDC	4.75~5.25VDC	10~30VDC
Electrical Connection	M14 waterproof cable		
Enclosure Protection	IP68		
Pressure Connection	Throw-in Type		
Pressure Form	Gauge Pressure G		
Certification	Safety explosion-proof type E, RoHS, EU electrical safety standards CE		

① Measured at 25°C with combined accuracy of linearity, repeatability and hysteresis.

DIMENSION (mm)



ORDER REF NO.

Code and Description		Remark						
LFT3200		Model						
Pressure Range	0~1...200mH ₂ O	Measurement Range						
Temperature Range	-20~100°C							
A4	A4 = 4~20mA(2-wired)	Output Mode						
V05	V05 = 0.5~4.5V(3-wired)							
RS	RS = RS-485							
M	M = meter	CM	CM =centimeter	Measurement Unit				
0.5	0.5 = 0.5%F.S			Accuracy Grade				
M	cable outlet			Electrical Connection				
1.0	1.0 = 1m			Cable Length				
2.0	2.0 = 2m							
3.0	3.0 = 3m							
LFT3200	0-200	-20~100°C	A4	M	0.5	M	1.0	Selection Example