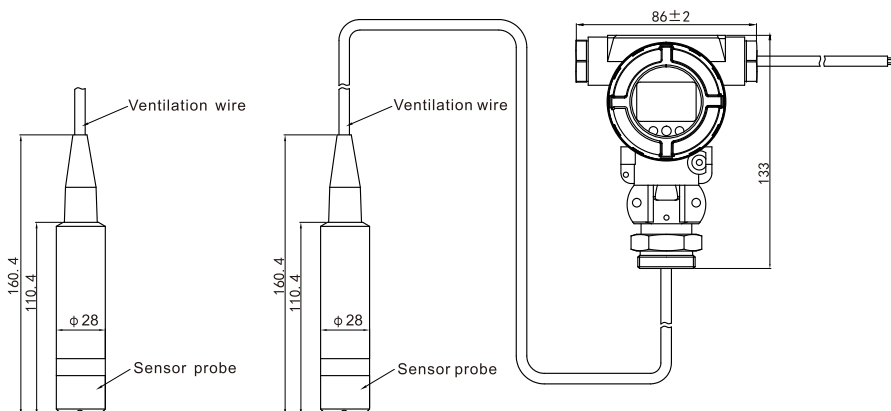


LFT3000

Liquid level
Pressure transmitter



LFT3000 liquid transmitter uses a high-performance pressure sensor as the measuring element to accurately measure the liquid level depth and convert it into a standard output signal through a special signal conditioning circuit to establish a linear correspondence between the output signal and the liquid depth, to achieve accurate measurement of liquid depth. The product has high precision, small size and convenient use. It can measure the liquid level height from the end of the transmitter to the liquid surface when it is directly put into the liquid. It is suitable for water level or liquid level measurement and control in the fields of petroleum, chemical industry, power plant, urban water supply, and hydrological exploration

Dimension in : mm

LFT3000 Order Ref No

LFT3000 0-200 M A4 0.5 M N T 1.0

A B C D E F G H

A Range	B Measurement Unit	C Output Mode	D Accuracy Grade	E Electrical Connection	F Display Mode	G Installation method	H Cable Length
0~0.5...200mH ₂ O	M=Meter CM = Centimeter	A4 = 4~20mA(2-wired) V05 = 0.5~4.5V(3-wired) V0 = 0~5V(3-wired) V10 = 0~10V(3-wired)	0.5 = 0.5%FS	M = Cable Outlet	N=Without display D2=Explosion-proof digital display	T=Input type M20=M20*1.5Installation type	1.0 = 1m 2.0 = 2m
RS =RS-485							

Specification

General	Value				
Measurement Range	0~0.5...200mH ₂ O				
Overload Pressure	1.5 times of rated pressure				
Accuracy ^①	±0.5%F.S				
Stability	<0.5%F.S/year				
Working Temp	-20~85℃				
Storage Temp	-40~100℃				
Measured Medium	Liquid compatible with 304/316L stainless steel,PEPVC,Fluorine rubber or Nitrile rubber				
Throw-in type Liquid Level Pressure Transmitter					
Electrical Performance	2-wired	3-wired Voltage			4-wired
Output Signal	4~20mA	0.5~4.5V	0~5V	0-10V	RS485
Power Supply	8~36VDC	4.75~5.25VDC	8~36VDC	12~36VDC	10~30VDC
Digital display throw-in type liquid level pressure transmitter					
Electrical Performance	2-wired	3-wired			4-wired
Output Signal	4~20mA	0-10V			RS485
Power Supply	10~36VDC	12~36VDC			10~36VDC
Electrical Connection	Cable outlet				
Pressure Connection	Throw-in type,M20*1.5Installation type				
Enclosure Protection	Ip68				
Pressure Form	Gauge Pressure G				
Certification	RoHS,EU electrical safety standard CE				

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