LEFOO

T3000
Liquid level pressure transmitter

M20×1.5
20
S27
Ø27
77
~133
101
Ø28
~125

Dimension in:mm

T3000 series is a highly reliable and accurate liquid level transmitter. It can be widely used in liquid pressure and liquid level measurement, such as water, oil and other low corrosive liquids.

It features with 1Cr18Ni9Ti stainless structure, high quality oil-filled pressure sensing unit, special amplifier and V/I transmitter circuit board, which make it easy to be calibrate the zero point and full scale by external program-controlled.

The transmitter can be configured wearable, oil-resistant, acid and alkali resistant, high strength breathable cable according to different field using environment.

T3000 Order Ref NO

T3000-100-A4-0.25-G-1.0
A · · B · · C · · D · · E

A Measurement range(mH2O)

B Output:A4=4~20mA;V05=0.5~4.5V;V0=0~5V;V1=1~5V;V10=0~10V

C Accuracy：0.25=0.25%F.S;0.5=0.5%F.S

D Pressure connection：G=G1/4;T=Dive type

E Cable length(m)

Specification

General	Value			
Measurement Range	0~1……500mH2O			
Overload Pressure	1.5 times of full scales			
Burst Pressure	3 times of full scales			
Accuracy	±0.25%F.S、±0.5%F.S			
Long Term Stability	Typical value:0.1%F.S Maximum:0.2%F.S			
Working Temperature	-40℃~85℃			
Compensated Temperature	-10℃~70℃			
Medium Compatibility	All corrosive medium compatible with 1Cr18Ni9Ti and 316L			
Output Mode	Two-wired	Three-wired		
Output	4~20mA	0.5~4.5V	0/1~5V	0~10V
Power Supply	12~36VDC	5VDC	10~36VDC/AC	12~36VDC/AC
Load Resistance	(U-10)/0.02(Ω)	＞100K(Ω)		
Insulation	＞100M(Ω＞@50V			
Electrical Connection	Waterproof cover+Two rectangular ring+Seal ring+Sealant+Glue,Protection:IP68			
Pressure Connection	G1/4 thread or Dive type			
Response Time	10ms			
Pressure Form	Gauge pressure			
Electromagnetic Compatibility	Electromagnetic transmit:EN50081-1/-2;Electromagnetic sensitivity:EN50082-2			
Lightning-proof	Air conduction voltage 8000V,shell or cable conduction voltage 4000V; Can also be provided acording to customer's requirement			