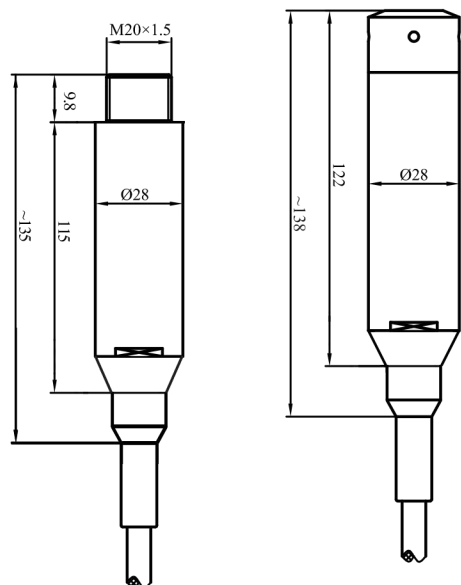


# PT-S002

## Liquid level pressure transmitter



Dimension in:mm



PT-S002 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.

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

## Specification

General	Value			
Measurement Range	0~1.....200mH2O			
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	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 according to customer's requirement			