

Joint Sensor 3000 Series

Pressure Transmitter

Description:



The Series 3000 transmitter is specially designed for liquid level measurement and housed inside a submersible 316L stainless steel body as standard. As the result, Series 3000 has been widely used in complex environment. With the temperature compensation in the whole range, 3000 Series also get the excellent accuracy.

FEATURES

- 316L Stainless Iron Sealed
- Whole temperature compensation
- Excellent Water Proof
- High Accuracy
- Variety of Pressure Ports and Electrical Connections

APPLITIONS

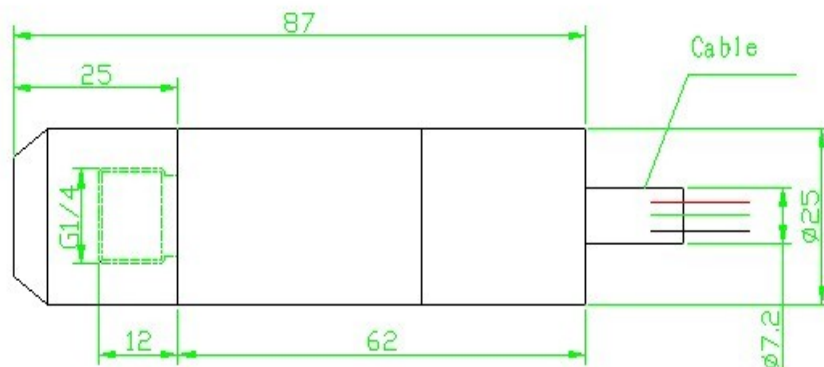
- Liquid Level Measurement System
- Industrial Measurement
- Ocean Applications
- Process Control

Specifications

Pressure Ranges (level of water)	0-1, 2, 3, 5, 10, 20, 50, 100, 200 m	
Non Linearity	0.20%FS typ.	0.50%FS max.
Accuracy (integration)	0.25%FS typ.	0.50%FS max.
Hysteresis	0.20%FS typ.	0.50%FS max.
Repeatability	0.20%FS typ.	0.50%FS max.
Off-set of Zero	1%FS typ.	2.0%FS max.
Off-set of Full Scale	1%FS typ.	2.0%FS max.
Pressure Cycle	1.00E+8	
Excitation (U)	9...36 VDC (Transmitter) 5...10 VDC (Transducer)	
Isolation, Body to Any Lead	>100 MΩ	
Proof Pressure	2X	
Burst Pressure	5X	
Operating Temperature	-40 – 100 °C	
Compensation Temp. Range	0 – 50 °C	
Storage Temperature	-40 – 121 °C	
Long Term Stability (6 Month)	0.15%FS typ.	
Medium compatibility	316LSS Or 304L	

SIZE

Unit:mm



● Lead Notes

Transmitter

2 wires Red + (Input) Black - (output)
3 wires Red +, Black -, Green +

Transducer

Red + (input) Black - (input)
Green + (output) White - (output)

ORDERING INFORMATION

