

Submersible 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

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	8 - 36 VDC
Transmitter (Out)	0 – 5 VDC
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