

Model PLA

Depth and Level Transmitter

Description

PLA model is a pressure-type level transmitter that can measure up to a depth of 350m. Atmospheric compensation is performed using a polyurethane cable with a built-in vent tube. There is no need for a separate amplifier box as it is a built-in amplifier.

Features

- ▶ 4~20mA output
- ▶ Gauge and absolute measurement
- ▶ 0.15%FS accuracy
- ▶ Fully sealed construction
- ▶ Vented polyurethane cable
- ▶ Piezoresistive silicon cell
- ▶ Stainless steel(316L) media-wetted materials

Applications

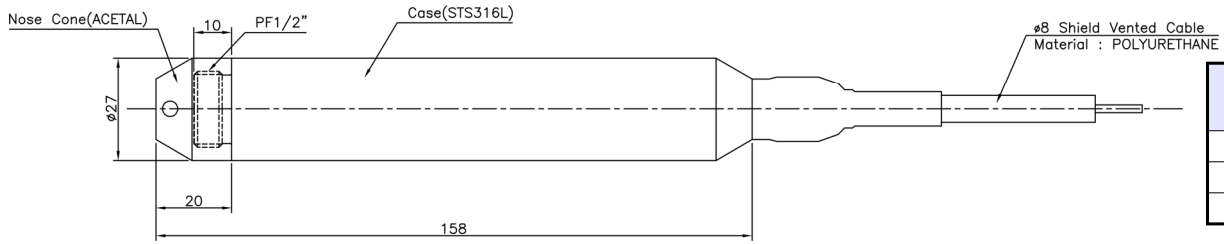
- ▶ Tank Level Measurement
- ▶ Deep Well Measurement
- ▶ Ship & Marine System
- ▶ Ground & Surface Water Monitoring
- ▶ Geophysical Application
- ▶ Water Supply & Reservoirs



Specifications

Range	0~1, 2, 3, 5, 10, 20, 30, 50, 70, 200, 350 mH ₂ O (Gauge) 0~10, 20, 30, 50, 70, 200, 350 mH ₂ O (Absolute)
Accuracy	±0.15%FS(RSS)
Thermal Effect on Zero	±0.03%FS/°C
Thermal Effect on Span	±0.03%FS/°C
Compensated Temperature Range	0 ~ 70°C
Operating Temperature Range	-20 ~ 80°C
Excitation	11 ~ 28VDC
Output	4~20mA(2Wire)
Electrical Connection	Cable
Proof Pressure	300%FS Max.
Burst Pressure	400%FS Min.
Media-Wetted Materials	Stainless Steel 316L
Protection	IP68

Dimension



Ordering Information

PLA H 0010 W 0 J G - 10	
Model Name	Cable Length(m)
Output H : 4~20mA(2Wire)	Type of Pressure Measurement G : Gauge J : Absolute
Pressure Range XXXX : Pressure	Connecting Methods J : Vented Cable
Pressure Unit R : kPa M : MPa B : bar K : kgf/cm ² P : psi H : mmHg C : cmH ₂ O W : mH ₂ O	Pressure port 0 : Nose Cone Q : G(PF)1/2"