

Titanium Alloy Level Sensor

CS-PT460

Features

Guarantee accuracy at whole temperature range
OEM is available
Titanium alloy housing
Corrosion proof of the microbe mucus
Multiply measurement range
Non-polarity two wire current output
Digital Calibration

Application

Measurement of seawater
Measurement of ship draught
Corrosive medium
Thermal experiment
Chemical experiment
Depth of harbor wharf water



Description

CS-PT460 level sensor is high reliable, long term stability, high accuracy and digital compensate in the whole temperature range level sensor, and it's specially designed for the measurement of the various sea water. CS-PT460 with the titanium alloy housing. It can be long-time used in $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$ sea water safely. It adopts the state-of-the-art digital compensation technology ensure the high accuracy. The zero and full scale could be calibrated by the computer easily.

Technical Parameters:

Range: 0.7bar ~ 2bar; 0.7bar ~ 3.5bar; 0.7 bar ~ 5bar.	
Overload Pressure: 3* FS	Burst Pressure: 4* FS
Operation Temp.: $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$	Compensated Temp.: $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$
Accuracy: $\pm 0.5\%$ F.S	Stability: 0.25% F.S/Year
Output: 4-20mA	Power Supply: 12-30Vdc
Load Resistance: $(U-10)/0.02(\Omega)$	Insulation: $>100\text{M}\Omega @50\text{V}$
Media Compatibility: Sea water	Protection: IP68
Pressure Form: Absolute	Approval: DVN ATEX
EMC: EN50081-1/-2; EN50082-2	

