

CSAG-PT460series -- Titanium Alloy Level Sensor

- ❖ 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
 - ❖ DNV- certificate
- ❖ **Application**
 - ❖ Measurement seawater
 - ❖ Measurement ship draught
 - ❖ Corrosive medium
 - ❖ Thermal experiment
 - ❖ Chemical experiment
 - ❖ Depth of Harbor wharf water
 - ❖ Heavy fuel oil



Description

CSAG-PT460 level sensor is a high reliable, long term stability, high accuracy and digital compensate in the whole temperature range level sensor. It's special design for measurement the various seawater.

CSAG-PT460 with the titanium alloy housing. It can be long-time used in the $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$ sea water safely. It adopts the state-of-the-art digital compensation technology ensure the high accuracy. The zero and full scale could be calibrate by the Computer

Technical Parameters

Measurement :	0.7 bar-2bar ; 0.7bar-3.5bar ; 0.7 bar-5bar (0...500 meter)
Overload Pressure:	3 X FS Burst Pressure : 4 X FS
Operation Temp.: :	$-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$
Compensated Temp.:	$-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$
Accuracy:	$\pm 0.5\% \text{F.S}$
Stability:	0.25%F.S/year
Output:	4~20mA
Power supply:	12-30Vdc
Load resistance:	(U-10)/0.02(Ω)
Insulation:	$> 100\text{M } \Omega @ 50\text{V}$
Media Compatibility:	Seawater
Environmental protection:	IP68
Pressure Form:	Absolute
Agency Approval:	ATEX
Electromagnetic Compatibility:	EN50081-1/-2; EN50082-2

