

## CSAG-PT400 series

## ---- Submersible Level Transmitter

### Application

- ☆ Deep water level measure
- ☆ Hydrologic monitoring
- ☆ Wastewater treatment
- ☆ Muddy liquid level monitoring
- ☆ Tank level monitoring
- ☆ Water-saving irrigation
- ☆ circulating fluid monitoring
- ☆ Abstraction works

### Feature

- ☆  $\pm 0.25$ 、 $\pm 0.5\%$  F.S
- ☆ Diffused silicon pressure transmitter
- ☆ several special structures for different usage
- ☆ Submersible Level Transmitter
- ☆ multiply measurement range and output
- ☆ Non-polarity two wire current output
- ☆ Anti-thunder type optional
- ☆ Reinforcement cables
- ☆ CE. Intrinsically safe, explosion proof



### Product description

CSAG-PT400 Series Level sensors has multiply structures and application. It's a high accuracy, compact structure, long terms stability products. With high resistance of abrasion, oil, acid and alkali cables. Our CS-PT400 series level sensor could satisfy various special purpose level measurements. It's widely used in wastewater treatment, water supply, reservoirs/lakes/river water monitoring. The series comply with intrinsically safe explosion-proof and CE certification. PTAG-400-1 is special for the waste water treatment field. PTAG-400-2 is mainly for the concrete mixing. PTAG400-WH mainly used for the hydrologic monitoring .PTAG-430 special for the deep well level measurement.



### Technical parameters

Measure Range	0~500mH2O		
Overload Pressure	1.5 × RP (rated pressure)		
Broken Pressure	3.0 × RP (rated pressure)		
Accuracy	$\pm 1.0\%$ F.S, $\pm 0.5\%$ F.S, $\pm 0.25\%$ F.S		
Operate Temperature	- 40°C~+85°C		
Compensation Temperature	-10°C~70°C		
Media Compatibility	Corrosive medium compatible with Cr18Ni9Ti and 316L		
Wires	Two-wire	three -wire	three -wire
Output Signal	4~20mA	0/1-5V	0-10V
Power Supply	12~30Vdc	12~30Vdc	12~30Vdc
Load	(U-10)/0.02( $\Omega$ )	>100k $\omega$	>100k $\Omega$
Insulation	>100M $\Omega$ @50V	>100M $\Omega$ @50V	>100M $\Omega$ @50V
Electrical connector	five level protection.IP68		
Pressure Port	G1/4, embedded type		
Response Time	10ms		
Pressure Form	Gauge G		
Compliant	Intrinsic Safety E, RoHS, CE, Explosion-proof D		
EMC	EMI:EN50081-1/-2: EMS: EN50082-2		

### Type Selection Guide

CSAG-PT400X—  —  —  —  —  —

Measure Range 0~XXX  
 Unit K=kPa,M = m H 2 O P=PSI, B = b a r  
Output Signal A=4~20mA, V=0-5V, V1=1-5V, V2=0-10V  
Accuracy Level 1=1.0%F.S, 5=0.5%F.S, 2=0.25%F.S  
Pressure Port EM=Embedded type S= Screw type  
Cable Length X (m)