CS-PT400-WH Series of Level Transmitter

Piezo-resistance silicon sensor level transmitter

- ☆ **Accuracy:±0.1、±0.25、±0.5% F.S**
- ☆ Special structure available for different applications
- ☆ Silicon sensor
- ☆ Multiple measurement ranges and signal output
- ☆ Intrinsic safety certificate explosion proof certificate, and CE certificate

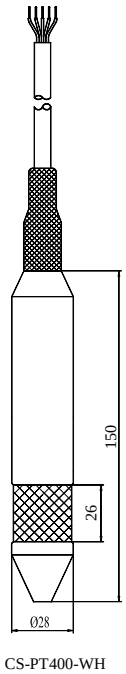
Applications:

- ☆ Deep well level measurement
- ☆ Hydraulic monitoring in rivers and sea
- ☆ Sewage treatment
- ☆ Muddy liquid level measurement
- ☆ Reservoir level measurement

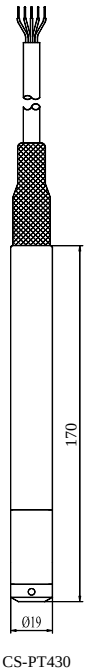
Description

CS-PT400-WH series of level transmitter have special structures for specific applications. The products feature high accuracy, small size, stability, resistance to abrasion, oil, acid and alkali environment. Vented cable is provided as air pressure reference. Stainless steel and cable are compatible with various types of liquid.

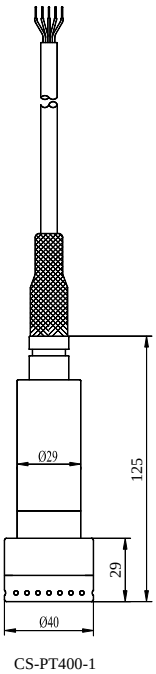
The level transmitters are approved with intrinsic safety certificate, explosion proof certificate and CE certificate.



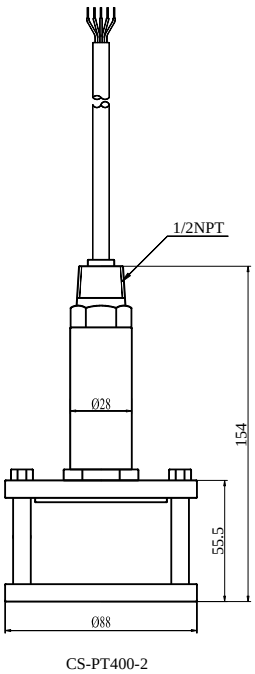
CS-PT400-WH



CS-PT430



CS-PT400-1



CS-PT400-2

Output mode	
mA	4~20mA，0~20mA
Voltage	0~5V，0~10V
	0.5~4.5V，1~5V

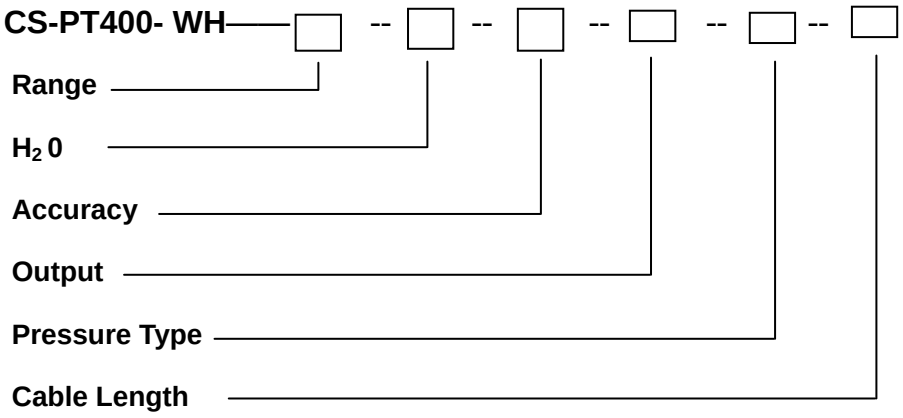
CS-PT400WH for underground water
CS-PT430 for deep well
CS-PT400-1 for sewage
CS-PT400-2 for cement depth

CS-PT400-WH Series of Level Transmitter

Technical data

Items	Data			Remark
Measurement range	0~3…200mH_2O			1mH_2O≈9.81kPa
Overload pressure	1.5 times of measurement range			
Failure pressure	3 times of measurement range			
accuracy	±0.1%F.S, ±0.25%F.S, ±0.5%F.S.			
Stability	Typical value: 0.1%F.S, Maximum value: 0.2%F.S			
Operating temp.	－40℃~85℃			
Compensating temp.	－10℃~70℃			
Medium compatibility	All medium compatible with 1Cr18Ni9Ti and 316L			
Electrics feature	Two-wire type	Three-wire type		
Signal output	4~20mA	0~5V	0~10V	
Power supply	10~36Vdc	10~36Vdc/ac	12~36Vdc/ac	Vdc/ac for dc and ac.
Load resistance	(U-10)/0.02(Ω)	>100kΩ		
Insulation	>100M Ω@50V			
Response time	10ms			
Pressure form	Gauge pressure: G, Absolute pressure: A			
Certification	Explosion proof certificate, CE certificate			
Electromagnetic compatibility	Electromagnetic radiation: EN50081-1/-2; Electromagnetic sensitivity: EN50082-2;			

Order form



Accuracy: 1 = 0.1%. **2** = 0.25%. **3** = 0.5% **Output: A** = 4 to 20 m A, **V** = 0 to 5V.**W** = 0 to 10V.

Pressure Type: G = Gauge. **A** = Absolute **Cable Length:** to specify