

CS-PT440/450 Series of Level Transmitter

Ceramic capacitance level transmitter

- ☆ Accuracy: ± 0.25 、 $\pm 0.5\%$ F.S
- ☆ OEM provided
- ☆ Ceramic capacitance sensor
- ☆ Multiple measurement range
- ☆ Non-polarity two-wire current output
- ☆ Excellent chemical liquid compatibility

Applications:

- ☆ small scale level measurement
- ☆ Corrosive liquid
- ☆ Chemical liquid testing
- ☆ high temperature field

Description

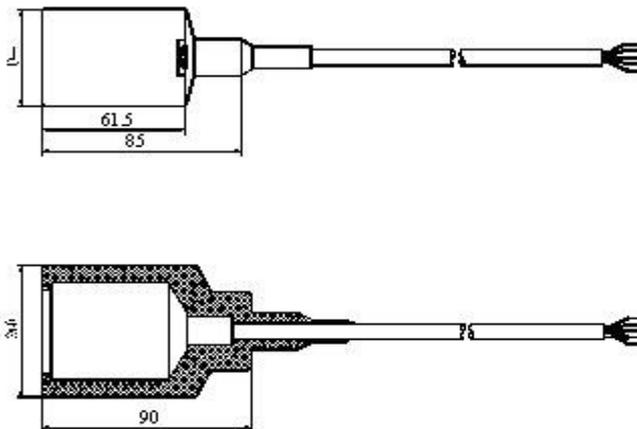
CS-PT440/450 series of pressure trans reliability, high stability and high accuracy.

This product adopts titanium and Teflon housing and ceramic capacitance sensor, ASIC and vented cable resistive to abrasion, oil, acid & alkali and other corrosive chemicals.

This product has got intrinsic safety certification, explosion proof certification and CE certification.



Dimension

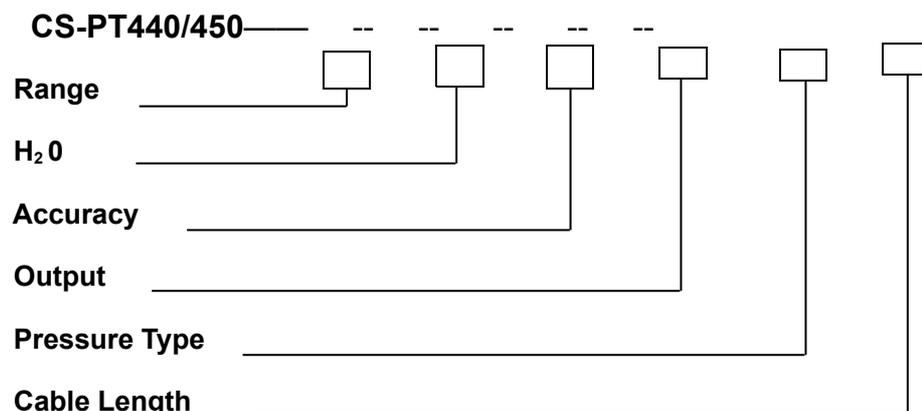


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Technical details

Item	Data			Notes
Measurement range	0~0.5...10mH ₂ O			1mH ₂ O≈9.81kPa
Overload pressure	2 times rated pressure			
Failure pressure	4 times rated pressure			
Accuracy	±0.1%F.S , ±0.25%F.S , ±0.5%F.S			
stability	Typical value: 0.25%F.S, Maximum value: 0.5%F.S			
Operating temperat	- 20°C~80°C			
Compensating temp	- 10°C~70°C			
Medium compatibility	All corrosive medium compatible with titanium and teflon			
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 both use 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;			
Lightning proof	Air-conduction pressure: 8000V. Shell & cable conduction pressure: 4000V			Customized services offered on your request

Ordering Code:



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