

CS-PT400M Series

Piezoresistance level transmitter

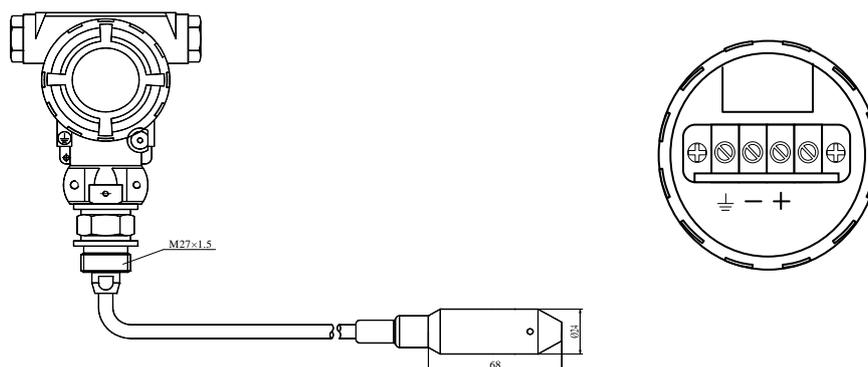
- ☆ Accuracy: $\pm 0.1\%$ 、 $\pm 0.25\%F.S$
- ☆ OEM provided
- ☆ Diameter length only $\varnothing 24mm$
- ☆ Diffused silicon oil filled sensor
- ☆ Non-polarity two-wire current output
- ☆ Vdc/ac voltage output
- ☆ Intrinsic safety certification,
Explosion proof certification
CE certification



Description

CS-PT400M series of pressure transmitters are high reliable, high stable, high accurate and small size level transmitters which are widely used in measurement of liquid pressure and depth of liquid of water, oil and mild corrosive liquid.

This product adopts 1Cr18Ni9Ti stainless housing, silicon oil filled sensor, ASIC to be easily calibrated at zero and scale. Specially strong ventilated cable resistive to abrasion, oil, acid, alkaline is provided for special applications. The series of pressure transmitter have been approved with intrinsic safety certificate, explosion proof certificate and CE certificate.



First class design, first class quality, and first class services are our commitment

Xi'an Chinastar M&C Ltd

www.websensor.com

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Technical data

Items	Specifications			Remark
Measurement range	0~3...200mH ₂ O			1mH ₂ O≈9.81kPa
Overload pressure	1.5 times of full range			
Failure pressure	3 times of full 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			
Operation temperature	-40℃~85℃			
Offset temperature	-10℃~70℃			
Medium compatibility	All corrosive 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	
Load resistance	(U-10)/0.02(Ω)	>100kΩ		
Insulation	>100M Ω@50V			
IP rate	IP68			
Response time	10ms			
Pressure form	Gauge pressure and absolute pressure			
Certification	Intrinsic safety certification, CE certification.			
Electromagnetic compatibility	Electromagnetic radiation: EN50081-1/-2; Electromagnetic sensitivity: EN50082-2;			

Order form

