

CS-PT300F Series

Flush diaphragm pressure transmitter

☆ Accuracy ± 0.10 、 ± 25 、 $\pm 0.5\%$ F.S

☆ Electronic calibration

☆ Silicon sensing element

☆ Various pressure and electrical connections

☆ Non-polarity two-wire current output

☆ Voltage output

☆ Intrinsic safety certification,

☆ Explosion proof certification

☆ RoHS and CE certification

Applications:

☆ Food industry

☆ Pharmaceutical field

☆ Pressure measurement
for slurry and viscous liquid

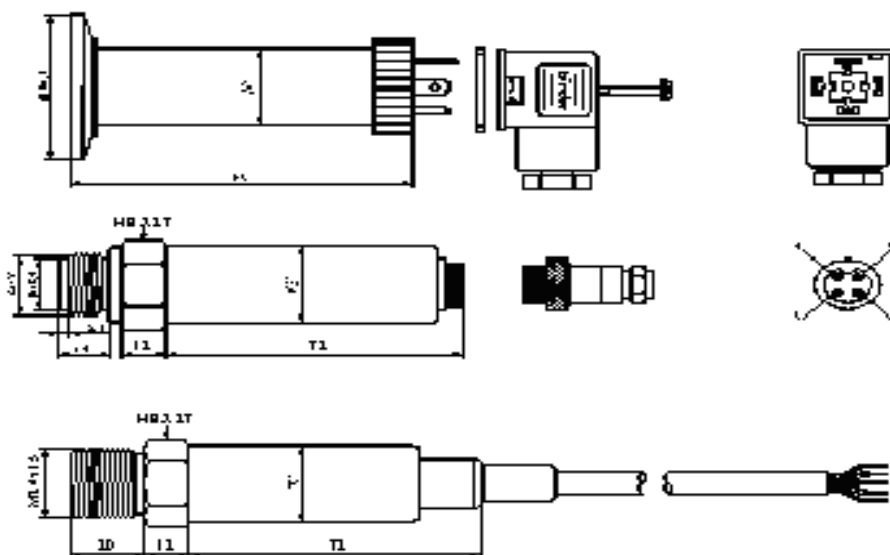


Description

CS-PT300F series of pressure transmitter feature high performance, long term stability and cost effectiveness for special industrial applications such as food, pharmaceutical and chemical liquid pressure measurement. Stainless steel housing, ASIC, high quality sensing element and compact structure ensure the ideal performance in a wide range of applications under a board temperature range.

Various process and electrical connections are available to meet customers' field environments.

Mechanical dimensions



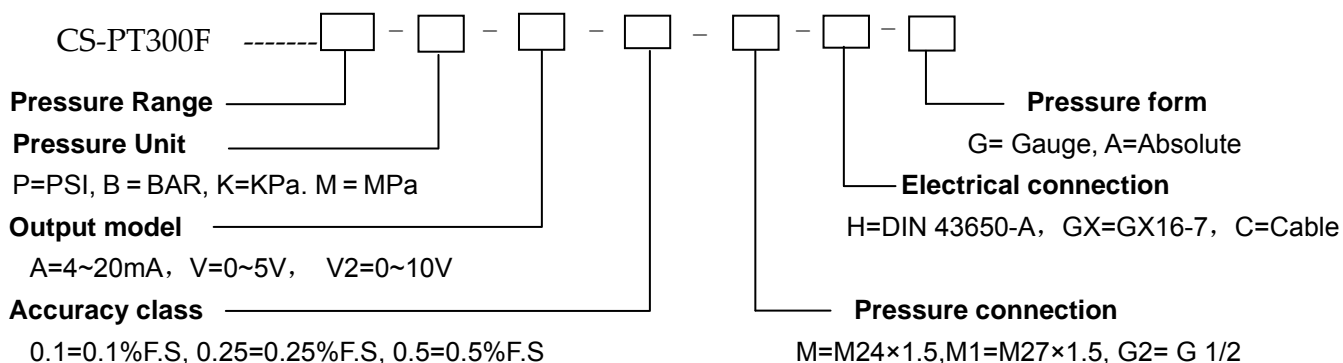
First class design, first class quality and first class service are everlasting commitment.

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Technical data

Items	Parameters			Remark
Measurement range	-0.1MPa...100.0MPa			1MPa≈145PSI
Overload pressure	2 times of full scale			
Rupture pressure	4 times of full scale			
Accuracy	±0.10%F.S, ±0.25%F.S, ±0.5%F.S			
stability	Typical value: 0.25%F.S, Maximum value: 0.4%F.S			
Operating temperature	-40℃~85℃			
Compensating temperature	-10℃~70℃			
Medium compatibility	All corrosive medium compatible with 1Cr18Ni9Ti			
Electrical features	Two-wire type	Three-wire type	Four-wire type	
Signal output	4~20mA	0~20mA	0~20mA	Also 0~10mA
		0~10Vdc	0~10Vdc	Also 0~5Vdc
Power supply	10~30Vdc	12~30Vdc	12~30Vdc	
Load resistance	(U-10)/0.02(Ω)	Current: (U-12)/0.02(Ω); voltage: >100K Ω		
Insulation	>100M Ω@50V			
Electrical connection	Connection: DIN43650, shell protection: IP65			
	Aviation plug: GX16-7, shell protection: IP45			
IP rate	Shell protection: IP68			
Pressure connection	M20×1.5, M27×1.5, G1/2, G3/4, NPT1/2 stainless steel clamp-on design			
Response time	10ms			
Pressure form	Gauge pressure: G, Absolute pressure: A			
Certification	Intrinsic safety E, Explosion proof D, CE certification, Rohs			
Electromagnetic compatibility	Electromagnetic radiation: EN50081-1/-2; Electromagnetic sensitivity: EN50082-2			

Order Code



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