

CS-PT800 Sputtered Thin Film Pressure Transducer



Features

- Whole weld without O-ring
- Excellent temperature stability
- High over pressure and burst pressure
- Customized pressure and electrical connection
- Rugged housing

Specifications

Items	Specs	
Range	0...10bar to 2200bar	1MPa=10bar 1bar≈14.5PSI 1PSI=6.8965KPa
Over pressure	2 times (2X)	
Burst pressure	4 times (4X)	
Accuracy	±0.25%F.S, ±0.5%F.S	
Stability	Typical: 0.25%F.S, Maximum: 0.4%F.S	
Operating temperature	-50℃~200℃	
Housing material	1Cr18Ni9Ti SS	
Output	4~20mA (2 wires), 0-10Vdc (3 wires), 1-10Vdc (3 wires), etc	
Power supply	12~30Vdc, etc	
Load capacity	(U-10)/0.02(Ω) for 4-20mA	
Insulation	> 100M Ω@50V	
Electrical capacity	500V@60 second	
Vibration/impact	10g/5~2000Hz, axes X/Y/Z20g sine 11ms	
Durability	2×10 ⁸ Circles @ 25℃	
Electrical connection	Din43650, M12, Direct cable, Packard, Deutsch DT04-4P, etc	
Pressure port	M20×1.5, G1/4, G1/2, R1/2, NPT1/2, NPT1/4, etc	
Certificate	CE	
Electromagnetic compatibility	Electromagnetic radiation: EN50081-1/-2 Electromagnetic sensitivity: EN50082-2	

Mechanical Dimension

