

CS-PT830A Series Thin Film Pressure Transducer

CS-PT830A Series thin film pressure transducers feature high pressure range, reliability and accuracy. It is ideal for hydraulic pressure measurement of a wide range of equipment in agriculture, automotive, general industry, etc.

Advantages: 1. Whole weld without O-ring. 2. High over pressure and burst pressure. 3. Rugged housing 4. Long life service and stability in a wide temperature range

Technical specifications

Range : 50bar~2200bar

Over pressure : 2 times of range

Burst pressure : 10 times (50bar to 800bar), 6 times (900bar to 1600bar), 4times (1600bar to 2200bar)

Accuracy: 0.5%FS

Power supply : 10~30 VDC

Output : 4 -20 mA(2 wires), 0.5-4.5V (3 wires), 0-5V (3 wires), 0-10V (3 wires), 1-5V (3 wires), 1-10V (3 wires).

Stability : $\pm 0.25\%$FS/Year

IP rate : IP65

Pressure port : G1/4, G1/2, M20x1.5, 1/4NPT, 1/2 NPT.

Electrical connection : A=M12x1 , B=DIN43650, C= Direct cable

Compensation temperature range : -20 to 120

Operation temperature: -50 to 150

Mechanical Dimension:

