Thin Film Pressure Transducer CS-PT831 Series

CS-PT831 Series thin film pressure transducers feature high pressure range, reliable performance and accuracy. It is ideal for gas and liquid pressure measurement such as water, oil and non aggressive chemical liquid.

Technical specifications

Range: 30～1200bar

Over pressure: 2 times of range

Burst pressure: 10 times of range

Accuracy: 0.5%FS

Power supply: 10～30 VDC or 5VDC±0.5 VDC

Output: 4～20 mA(2 wires), 0.5-4.5V Ratiometric (3 wires),0-10V (3 wires) (12-30VDC power supply, 0-5VDC (3 wires)

Stability: ＜ ±0.25％FS/Year

Operating temp.:-40 - 150 ℃

Compensated temp.: -20 -120 ℃

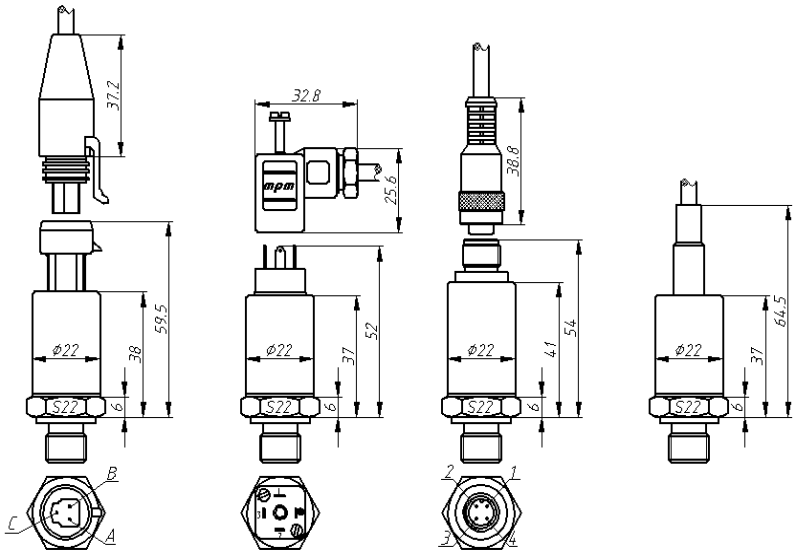
IP rate: IP65

Pressure port: (1) G1/4; (2) NPT1/8; (3) NPT1/4; (4) 7/16-20UNF,ETC

Electrical connection: M12×1 , DIN43650, Direct cable, Packard

Compensation temperature range: -40℃～125℃

Mechanical Housing Dimension (mm)



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