

Pressure transmitter Model A-10

Modelcode type: **A-10**

Item number: **12719260**

MEASURING RANGE

Measuring range 0 ... 10 bar gauge

Overpressure limit 2 times

Vacuum tightness yes

OUTPUT SIGNAL

Output signal 4 ... 20 mA, 2-wire

Permissible load in Ω $\leq$ (power supply - 8 V) / 0.02 A

Settling time < 1 ms

POWER SUPPLY

Power supply 8...30 V DC

Total current consumption Current signal, max. 25 mA

ACCURACY INFORMATION

Non-linearity 0.5% BFSL

Accuracy at room temperature $\leq \pm 1.0$ % of span

Measuring deviation of the zero signal $\leq \pm 0.3$ % of span

Long-term drift $\leq \pm 0.1$ % of span

TEMPERATURE ERROR

typ. 1 %, max. 2.5 %

OPERATING ENVIRONMENT CONDITIONS

Permissible medium temperature 0...+80 °C

Permissible ambient temperature 0 ... 80 °C

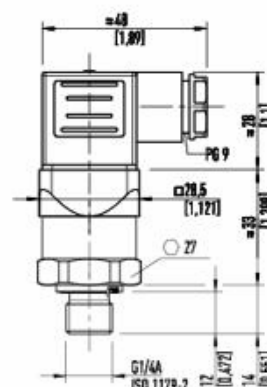
Shock resistance 500 g (IEC 60068-2-27, mechanical)

Service life 100 million load cycle

MATERIALS

Wetted parts Stainless steel 316L + ph-grade steel

Non-wetted parts Stainless steel 316L, HNBR, PA



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Process connection	G 1/4 A DIN EN ISO 1179-2
Sealing	NBR

ELECTRICAL CONNECTION

Electrical connection	valve connector, size A
Ingress Protection	IP65
Pin assignment	U+=1, U-=2

ELECTRICAL SAFETY

Short-circuit resistance	S+ vs. U-
Reverse polarity protection	U+ vs. U- (no reverse polarity protection with ratiometric output signal)
Insulation voltage	DC 500 V

CE-CONFORMITY, APPROVALS AND CERTIFICATES

CE conformity	PED 2014/68/EU
Approvals	cULus