

**Pressure transmitter Model A-10**  
**Type A-10**  
**Item no.: 12713636**

MEASURING RANGE		CE-CONFORMITY, APPROVALS AND CERTIFICATES	
Measuring range	0...10 bar gauge	CE conformity	PED 2014/68/EU
Overpressure limit	2 times	Approvals	cULus
Vacuum tightness	yes		
OUTPUT SIGNAL			
Output signal	4 ... 20 mA, 2-wire		
Permissible load in $\Omega$	$\leq$ (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		
Vibration resistance	10 g (IEC 60068-2-6, under resonance)		
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		
PROCESS CONNECTION			
Process connection	G 1/2 A DIN EN ISO 1179-2 (formerly DIN 3852-E)		
Sealing	NBR		
ELECTRICAL CONNECTION			
Electrical connection	valve connector, size A		
Ingress Protection	IP65		
pin assignment	UB=1, 0V=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		

