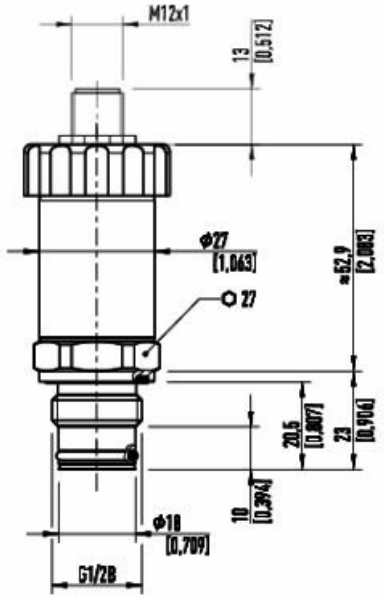
Pressure transmitter for general applications

Modelcode type: S-11

Item number: 12779327

Pressure transmitter for general applications	
Measuring range	0 ... 250 bar
Overpressure limit	min. 2-times
Vacuum tightness	yes
OUTPUT SIGNAL	
Output signal	4 ... 20 mA, 2-wire
Permissible load in ?	? (power supply - 10 V) / 0.02 A
Settling time	? 2 ms
Power supply	10 ... 30 V DC
ACCURACY INFORMATION	
Non-linearity (BFSL]	? ±0.2 % of span
Accuracy at room temperature	? ±0.5 % of span
Long-term stability at reference conditions	? ± 0.2 % the span / year
TEMPERATURE ERROR	
Rated temperature range	0 … 80°C
Mean temperature coefficient of zero point	? ±0.2 % of span/10 K
Mean temperature coefficient of span	? ±0.2 % of span/10 K
OPERATING ENVIRONMENT CONDITIONS	
Permissible medium temperature	-30 ... +100 °C (-22 ... +212 °F)
Permissible ambient temperature	-20 ... +80 °C
Storage and Transport conditions	-40 … 100°C
Vibration resistance	20 g (IEC 60068-2-6, under resonance)



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Shock resistance	1000 g (IEC 60068-2-27, mechanical)
MATERIALS	
Wetted parts	stainless steel
Internal system fill fluid	Synthetic oil
PROCESS CONNECTION	
Process connection	G 1/2 B, flush diaphragm with O-ring
ELECTRICAL CONNECTION	
Electrical connection	circular connector M12x1, 4-pin
Ingress Protection	IP67
Pin assignment	UB=1, 0V=3
ELECTRICAL SAFETY	
Short-circuit resistance	S+ vs. U-
Reverse polarity protection	U+ vs. U-
Insulation voltage	DC 500 V
CE-CONFORMITY, APPROVALS AND CERTIFICATES	
CE conformity	PED 2014/65/EU EMC 2014/30/EU RoHS 2011/65/EU
Certificates	without
SPECIALS	

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