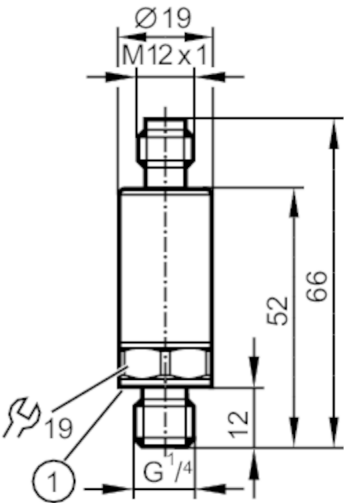


PT5401



Pressure transmitter

PT-250-SEG14-A-ZVG/US/ IW



1 sealing



Product characteristics

Number of inputs and outputs	Number of analog outputs: 1		
Measuring range	0...250 bar	0...3625 psi	0...25 MPa
Process connection	threaded connection G 1/4 external thread (DIN EN ISO 1179-2)		

Application

Application	for industrial applications		
Media	liquids and gases		
Medium temperature [°C]	-40...90		
Min. bursting pressure	1200 bar	17400 psi	120 MPa
Pressure rating	625 bar	9060 psi	62.5 MPa
Note on pressure rating	static		
Vacuum resistance	-1000 mbar	-0.1 MPa	
Type of pressure	relative pressure		

Electrical data

Operating voltage [V]	8.5...36 DC
Min. insulation resistance [MΩ]	100; (500 V DC)
Protection class	III
Reverse polarity protection	yes
Power-on delay time [s]	< 0.1

Inputs / outputs

Number of inputs and outputs	Number of analog outputs: 1
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Outputs

Total number of outputs	1
Output signal	analog signal
Number of analog outputs	1
Analog current output [mA]	4...20
Max. load [Ω]	$(U_b - 8,5 \text{ V}) / 21,5 \text{ mA}$; @8,5V= 0 Ω; @12V max. 160 Ω; @24V max. 720 Ω
Short-circuit proof	yes

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Pressure transmitter

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Overload protection		yes	
Measuring/setting range			
Measuring range		0...250 bar	0...3625 psi 0...25 MPa
Accuracy / deviations			
Repeatability [% of the span]		< ± 0,05; (with temperature fluctuations < 10 K)	
Characteristics deviation [% of the span]		< ± 0,5; (incl. drift when overtightened, zero point and span error, non-linearity, hysteresis)	
Linearity deviation [% of the span]		< ± 0,1 (BFSL) / < ± 0,2 (LS)	
Hysteresis deviation [% of the span]		< ± 0,2	
Long-term stability [% of the span]		< ± 0,1; (per 6 months)	
Temperature coefficient zero point and span [% of the span / 10 K]		< 0,1 (-25...90 °C) / < 0,2 (-40...-25 °C)	
Reaction times			
Step response time analog output			

PT5401



Pressure transmitter

PT-250-SEG14-A-ZVG/US/ /W

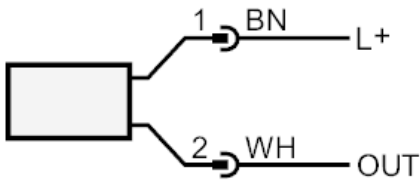
Pack quantity	1 pcs.
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Electrical connection

Connector: 1 x M12; coding: A



Connection



OUT	analog output The following pin connection is available at article number PT53xx Pin 1: L+, Pin 3: OUT Colors to DIN EN 60947-5-2 Core colors :
BN	brown
WH	white