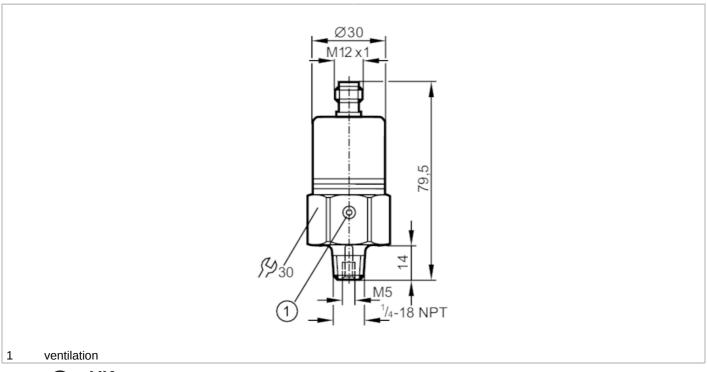
PX9118

Pressure transmitter with ceramic measuring cell

PA-010WRBN14-B-DVG/US/ /V







Number of analogue outputs: 1			
0100			
threaded connection 1/4" NPT external thread internal thread:M5			
Gold-plated contacts			
for industrial applications			
liquids and gases			
-2590			
12043			
2400			
relative pressure			
1632 DC			
< 18			
100; (500 V DC)			
III			
yes			
Inputs / outputs			
Number of analogue outputs: 1			
1			
analogue signal			

PX9118

Pressure transmitter with ceramic measuring cell



PA-010WRBN14-B-DVG/US/ /V

Number of analogue outputs		1		
Analogue voltage output [V]		010		
Min. load resistance $[\Omega]$	2000			
Overload protection	yes			
Measuring/setting range		,		
Measuring range [inH2O]		0100		
Accuracy / deviations		5255		
Repeatability [% of the span]	< 0,15; (with temperature fluctuations < 10 K)			
Characteristics deviation [% of the span]	$<\pm$ 0,35 (BFSL) / $<\pm$ 0,75 (LS); (BFSL = Best Fit Straight Line; LS = limit value setting)			
Long-term stability [% of the span]	< ± 0,05; (per 6 months)			
Temperature coefficient zero point		0,2; (080 °C)		
[% of the span / 10 K]				
Temperature coefficient span [% of the span / 10 K]	0,3; (080 °C)			
Response times				
Step response time analogue [ms] output		3		
Operating conditions				
Ambient temperature [°C]	-2580			
Storage temperature [°C]		-40100		
Protection		IP 65		
Tests / approvals				
EMC	EN 61000-4-2 ESD	4 kV CD / 8 kV AD		
	EN 61000-4-3 HF radiated	30 V/m		
	EN 61000-4-4 Burst	2 kV		
	EN 61000-4-6 HF conducted	10 V		
	radiation of interference	according to the automotive directive 2004/104/EC / CISPR 25		
	immunity	according to the automotive directive 2004/104/EC / ISO 11452-2		
	HF radiated	100 V/m		
	pulse resistance	ISO 7637-2 / severity level 3		
Shock resistance	DIN IEC 68-2-27	50 g (11 ms)		
Vibration resistance	DIN IEC 68-2-6	20 g (102000 Hz)		
MTTF [years]	550			
Pressure Equipment Directive	Sound engineering practice; can be used for group 2 fluids; group 1 fluids on request			
Mechanical data				
Weight [g]		213		
Materials	stainless steel (316L/1.4404); FKM; PA; EPDM/X			
Materials (wetted parts)	stainless steel (303/1.4305); ceramics; FKM			
Min. pressure cycles	100 million			
Process connection	threaded connection 1/4" NPT external thread internal thread:M5			
Restrictor element integrated	no (can be retrofitted)			

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Remarks	
Pack quantity	1 pcs.
Electrical connection	
Connector: 1 x M12; coding: A; Cont	acts: gold-plated
2 1 3 4	



