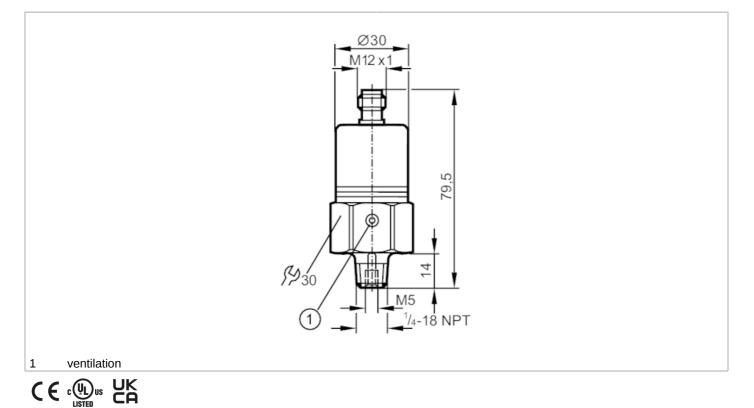
# PX9118

#### Pressure transmitter with ceramic measuring cell



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



#### **Product characteristics** Number of inputs and outputs Number of analogue outputs: 1 Measuring range [inH2O] 0...100 threaded connection 1/4" NPT external thread internal thread:M5 Process connection Application Special feature Gold-plated contacts Application for industrial applications Media liquids and gases Medium temperature [°C] -25...90 Min. bursting pressure [inH2O] 12043 Pressure rating [inH2O] 2400 Type of pressure relative pressure Electrical data Operating voltage [M]16...32 DC Current consumption [mA] < 18 Min. insulation resistance [MΩ] 100; (500 V DC) Protection class Ш Reverse polarity protection yes Inputs / outputs Number of inputs and outputs Number of analogue outputs: 1 Outputs Total number of outputs 1 Output signal analogue signal

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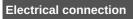
PA-010WRBN14-B-DVG/US/ /V

Number of analogue outputs	r of analogue outputs 1		
Analogue voltage output [V		010	
Min. load resistance [Ω	2000		
Overload protection	yes		
Measuring/setting range			
Measuring range [inH2O	0100		
Accuracy / deviations			
Repeatability [X21	< 0,15; (with temperature fluctuations $< 10$ K)		
Characteristics deviation [X21	$< \pm 0.35$ (BFSL) / $< \pm 0.75$ (LS); (BFSL = Best Fit Straight Line; LS = limit value setting)		
Long-term stability [X21	< ± 0,05; (per 6 months)		
Temperature coefficient zero [X22 point	0,2; (080 °C)		
Temperature coefficient span [X22	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 [ANN	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 (1.4404 / 316L); FKM; PA; EPDM/X		
Materials (wetted parts)	stainless steel (1.4305 / 303); 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)		
Remarks			
Pack quantity 1 pcs.			

## PX9118

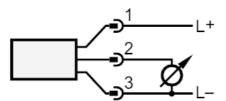
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Connector: 1 x M12; coding: A; Contacts: gold-plated

Connection



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