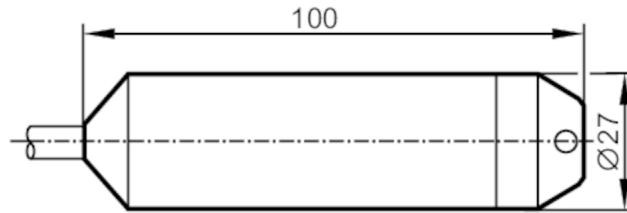




Hydrostatic submersible pressure transmitter

SUBMERSIBLE 0,25BAR 5M PUR CABLE



Product characteristics

Output signal	analogue signal			
Measuring range	0...0.25 bar	0...250 mbar	0...3.63 psi	0...25 kPa

Application

Design	with capillary tube for pressure compensation		
Application	for industrial applications		
Media	Liquids		
Medium temperature [°C]	-10...50		
Pressure rating	2 bar	29 psi	200 kPa
Min. bursting pressure	2.4 bar	35 psi	240 kPa
Type of pressure	relative pressure		

Electrical data

Operating voltage [V]	10...30 DC
Protection class	III
Reverse polarity protection	yes

Inputs / outputs

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

Total number of outputs	1
Output signal	analogue signal
Number of analogue outputs	1
Analogue current output [mA]	4...20
Max. load [Ω]	700; (U _b = 24 V; (U _b - 10 V) / 20 mA)
Short-circuit protection	yes

Measuring/setting range

Measuring range	0...0.25 bar	0...250 mbar	0...3.63 psi	0...25 kPa
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Accuracy / deviations

Repeatability [% of the span]	< 0,1; (with temperature fluctuations < 10 K)
Characteristics deviation [% of the span]	< 0,5 (BFSL) / 1; (incl. linearity, zero and span error (limit value setting))
Linearity deviation [% of the span]	< 0,2 (BFSL)
Long-term stability [% of the span]	< 0,2; (per year)
Temperature coefficient zero point	< ± 0,2; (0...50 °C)



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[% of the span / 10 K]	
Temperature coefficient span	< ± 0,2; (0...50 °C)
[% of the span / 10 K]	

Operating conditions	
Ambient temperature	[-10...50 °C]
Storage temperature	[-30...80 °C]
Protection	IP 68

Tests / approvals	
MTTF	[years] 403
Pressure Equipment Directive	Sound engineering practice; can be used for group 2 fluids; group 1 fluids on request

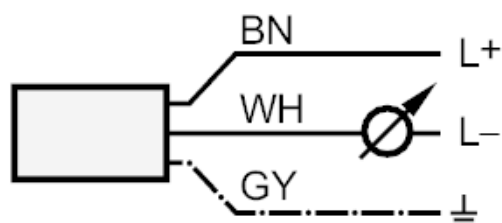
Mechanical data	
Weight	[g] 548
Materials	stainless steel (1.4571/316Ti); PA

Remarks	
Pack quantity	1 pcs.

Electrical connection

Cable: 5 m, PUR, Ø 7.5 mm; Core insulation:, PVC

Connection



Core colours :

BN =	brown
GY =	grey
WH =	white