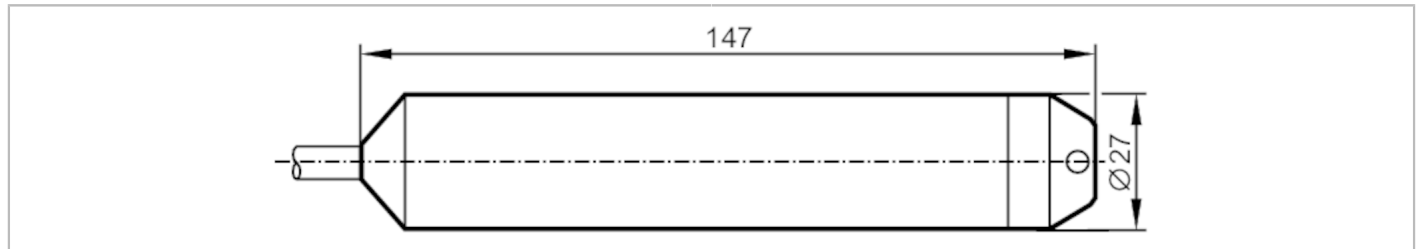


PS4408



Hydrostatic submersible pressure transmitter

SUBMERSIBLE 0,25BAR 10M FEP 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...85			
Min. bursting pressure	2.4 bar	35 psi	240 kPa	
Pressure rating	2 bar	29 psi	200 kPa	
Type of pressure	relative pressure			
Electrical data				
Operating voltage [V]	10...30 DC			
Protection class	III			
Reverse polarity protection	yes			
Measuring principle	hydrostatic			
Inputs / outputs				
Number of inputs and outputs	Number of analogue outputs: 1			
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
Accuracy / deviations				
Repeatability [% of the span]	< 0,1; (with temperature fluctuations < 10 K)			
Characteristics deviation [% of the span]	< 0,25 (BFSL) / 0,5; (incl. linearity, zero and span error (limit value setting))			
Linearity deviation [% of the span]	< 0,2 (BFSL)			
Long-term stability	< 0,2; (per year)			

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	[% of the span]	
Temperature coefficient zero point	[% of the span / 10 K]	$< \pm 0,2; (0...50\text{ °C})$
Temperature coefficient span	[% of the span / 10 K]	$< \pm 0,2; (0...50\text{ °C})$

Operating conditions		
Ambient temperature	[°C]	-10...85
Storage temperature	[°C]	-30...80
Protection		IP 68

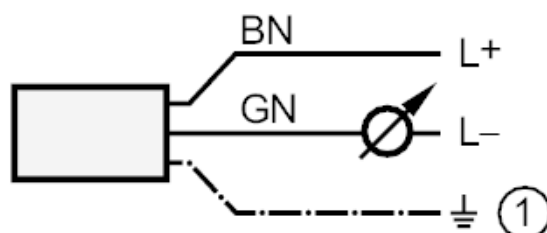
Tests / approvals		
MTTF	[years]	403
Pressure Equipment Directive		Sound engineering practice; can be used for group 2 fluids; group 1 fluids on request

Mechanical data		
Weight	[g]	991.5
Materials		stainless steel (1.4571/316Ti); PA

Remarks		
Pack quantity		1 pcs.

Electrical connection		
Cable: 10 m, FEP, Ø 7.5 mm		

Connection



1: screen (connected to the housing)

Core colours :

BN = brown

GN = green