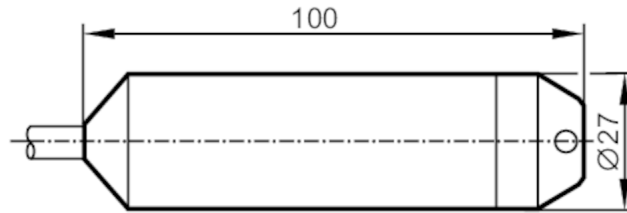




Hydrostatic submersible pressure transmitter

SUBMERSIBLE 1BAR 15M PUR CABLE



Product characteristics

Number of inputs and outputs	Number of analogue outputs: 1				
Measuring range	0...1 bar	0...1000 mbar	0...14.5 psi	0...401.5 inH ₂ O	0...100 kPa

Application

Design	with capillary tube for pressure compensation		
Application	for industrial applications		
Media	Liquids		
Medium temperature [°C]	-10...50		
Min. bursting pressure	6 bar	87 psi	600 kPa
Pressure rating	5 bar	72.5 psi	500 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...1 bar	0...1000 mbar	0...14.5 psi	0...401.5 inH ₂ O	0...100 kPa
-----------------	-----------	---------------	--------------	------------------------------	-------------

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)			



Hydrostatic submersible pressure transmitter

SUBMERSIBLE 1BAR 15M PUR CABLE

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

Operating conditions	
Ambient temperature [°C]	-10...50
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

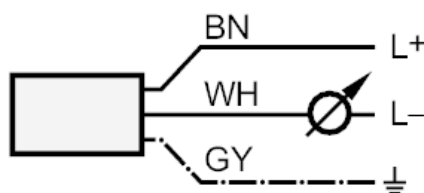
Mechanical data	
Weight [g]	1284.55
Housing	cylindrical
Dimensions [mm]	Ø 27 / L = 100
Materials	stainless steel (316Ti/1.4571); PA

Remarks	
Pack quantity	1 pcs.

Electrical connection

Cable: 15 m, PUR, Ø 7.5 mm; Core insulation: PVC

Connection



Core colours :
 BN = brown
 GY = grey
 WH = white