



Hydrostatic submersible pressure transmitter

SUBMERSIBLE 0,25BAR 5M PUR CABLE



Product characteristics

Number of inputs and outputs	Number of analog outputs: 1				
Measuring range	0...0.25 bar	0...250 mbar	0...3.63 psi	0...100.4 inH ₂ O	0...25 kPa

Application

Design	with capillary tube for pressure compensation		
Application	for industrial applications		
Media	Liquids		
Medium temperature [°C]	-10...50		
Min. burst 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

Inputs / outputs

Number of inputs and outputs	Number of analog outputs: 1
------------------------------	-----------------------------

Outputs

Total number of outputs	1
Output signal	analog signal
Number of analog outputs	1
Analog 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...100.4 inH ₂ O	0...25 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)
Temperature coefficient zero point	< ± 0,2; (0...50 °C)

PS3208



Hydrostatic submersible pressure transmitter

SUBMERSIBLE 0,25BAR 5M PUR CABLE

	[% of the span / 10 K]	
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

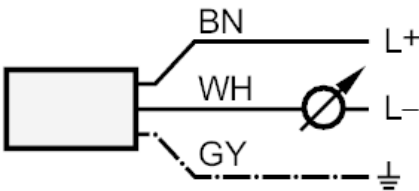
Mechanical data		
Weight	[g]	553.6
Housing		tubular
Dimensions	[mm]	Ø 27 / L = 100
Material		stainless steel (1.4571/316Ti); PA

Remarks		
Pack quantity		1 pcs.

Electrical connection

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

Connection



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