



Hydrostatic submersible pressure transmitter

SUBMERSIBLE 1BAR 30M PUR CABLE



Application		
Design		with capillary tube for pressure compensation
Media		Liquids
Medium temperature	[°C]	-10...50
Pressure rating	[bar]	5
Min. bursting pressure	[bar]	6
Type of pressure		relative pressure
Electrical data		
Operating voltage	[V]	10...30 DC
Protection class		III
Reverse polarity protection		yes
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; (Ub = 24 V; (Ub - 10 V) / 20 mA)
Short-circuit protection		yes
Measuring/setting range		
Measuring range	[bar]	0...1
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	[% of the span / 10 K]	< ± 0,2; (0...50 °C)
Temperature coefficient span	[% of the span / 10 K]	< ± 0,2; (0...50 °C)

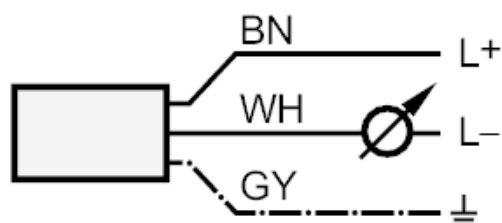
PS3617



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Operating conditions		
Ambient temperature	[°C]	-10...50
Storage temperature	[°C]	-30...80
Protection		IP 68
Tests / approvals		
MTTF	[years]	732
Mechanical data		
Weight	[g]	2386.6
Materials		stainless steel (1.4571/316Ti); PA
Remarks		
Pack quantity		1 pcs.
Electrical connection		
Cable: 30 m, PUR, Ø 7.5 mm		
Connection		



Core colours :

BN = brown
GY = grey
WH = white