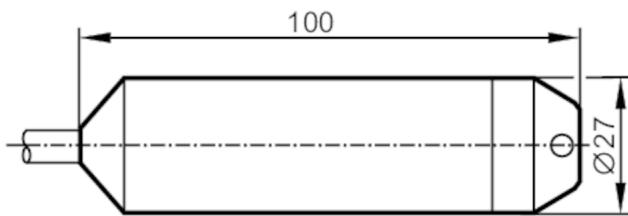


# PS3617



## Hydrostatic submersible pressure transmitter

SUBMERSIBLE 1BAR 30M PUR CABLE



CE UK CA

### 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 <sub>2</sub> O

### 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			
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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; (Ub = 24 V; (Ub - 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 <sub>2</sub> O	0...100 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)		

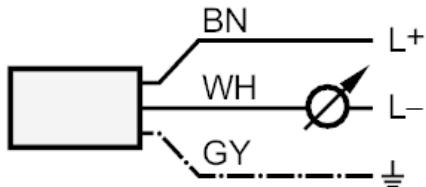
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Temperature coefficient zero point [% of the span / 10 K]	< ± 0,2; (0...50 °C)
Temperature coefficient span [% of the span / 10 K]	< ± 0,2; (0...50 °C)
<b>Operating conditions</b>	
Ambient temperature [°C]	-10...50
Storage temperature [°C]	-30...80
Protection	IP 68
<b>Tests / approvals</b>	
MTTF [years]	403
Pressure Equipment Directive	Sound engineering practice; can be used for group 2 fluids; group 1 fluids on request
<b>Mechanical data</b>	
Weight [g]	2342.8
Materials	stainless steel (316Ti/1.4571); PA
<b>Remarks</b>	
Pack quantity	1 pcs.
<b>Electrical connection</b>	
Cable: 30 m, PUR, Ø 7.5 mm	
Connection	



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