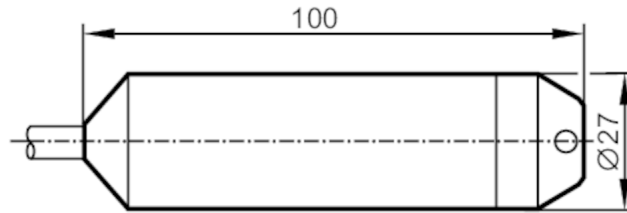


# PS3417



## Hydrostatic submersible pressure transmitter

SUBMERSIBLE 1BAR 15M 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; (U <sub>b</sub> = 24 V; (U <sub>b</sub> - 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)

# PS3417



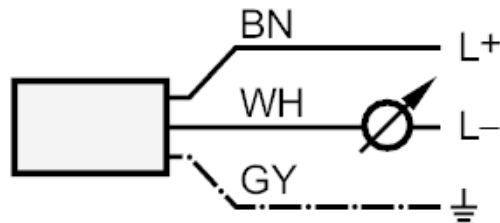
## Hydrostatic submersible pressure transmitter

SUBMERSIBLE 1BAR 15M PUR CABLE

Operating conditions		
Ambient temperature	[°C]	-10...50
Storage temperature	[°C]	-30...80
Protection		IP 68
Tests / approvals		
MTTF	[years]	732
Mechanical data		
Weight	[g]	1310.6
Materials		stainless steel (1.4571/316Ti); 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