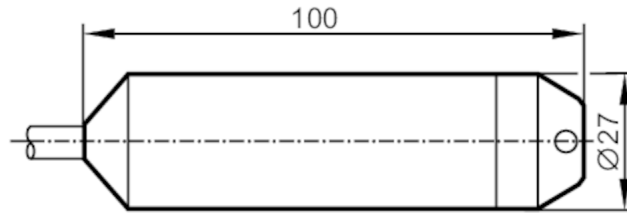




## Hydrostatic submersible pressure transmitter

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 <sub>2</sub> 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 <sub>b</sub> = 24 V; (U <sub>b</sub> - 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 <sub>2</sub> O	0...25 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)
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

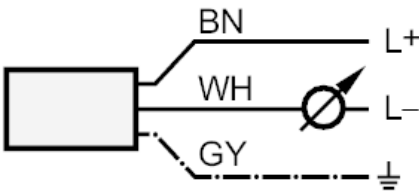
Mechanical data		
Weight	[g]	553.6
Housing		tubular
Dimensions	[mm]	Ø 27 / L = 100
Material		stainless steel (1.4571/316Ti ); PA

Remarks		
Pack quantity		1 pcs.

### Electrical connection

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

### Connection

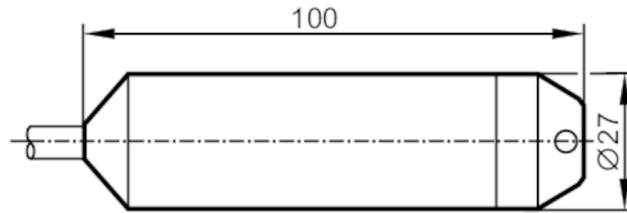


	Core colors :
BN =	brown
GY =	grey
WH =	white



## Hydrostatic submersible pressure transmitter

SUBMERSIBLE 0,6BAR 10M PUR CABLE



## Product characteristics

Number of inputs and outputs	Number of analog outputs: 1				
Measuring range	0...0.6 bar	0...600 mbar	0...8.7 psi	0...240.9 inH <sub>2</sub> O	0...60 kPa

## Application

Design	with capillary tube for pressure compensation			
Application	for industrial applications			
Media	Liquids			
Medium temperature [°C]	-10...50			
Min. burst pressure	4.8 bar	70 psi	480 kPa	
Pressure rating	4 bar	58 psi	400 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 <sub>b</sub> = 24 V; (U <sub>b</sub> - 10 V) / 20 mA)
Short-circuit protection	yes

## Measuring/setting range

Measuring range	0...0.6 bar	0...600 mbar	0...8.7 psi	0...240.9 inH <sub>2</sub> O	0...60 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)
Temperature coefficient zero point	< ± 0,2; (0...50 °C)

# PS3407



## Hydrostatic submersible pressure transmitter

SUBMERSIBLE 0,6BAR 10M 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

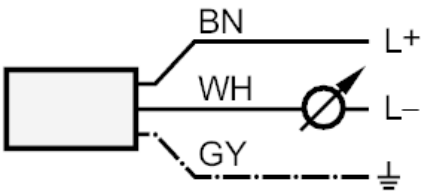
Mechanical data		
Weight	[g]	906.85
Housing		tubular
Dimensions	[mm]	Ø 27 / L = 100
Material		stainless steel (1.4571/316Ti ); PA

Remarks		
Pack quantity		1 pcs.

### Electrical connection

Cable: 10 m, PUR, Ø 7.5 mm; Core insulation:, PVC

### Connection

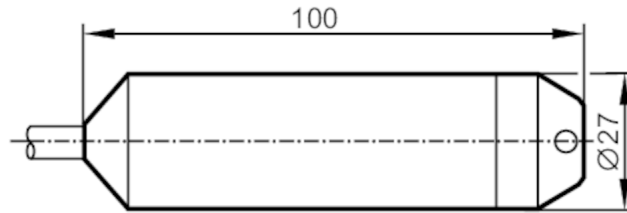


BN = Core colors :  
GY = brown  
WH = grey  
WH = white



## Hydrostatic submersible pressure transmitter

SUBMERSIBLE 1BAR 15M PUR CABLE



## Product characteristics

Number of inputs and outputs	Number of analog outputs: 1				
Measuring range	0...1 bar	0...1000 mbar	0...14.5 psi	0...401.5 inH <sub>2</sub> O	0...100 kPa

## Application

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

## 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 <sub>b</sub> = 24 V; (U <sub>b</sub> - 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)
Temperature coefficient zero point	< ± 0,2; (0...50 °C)

PS3417



Hydrostatic submersible pressure transmitter

SUBMERSIBLE 1BAR 15M 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

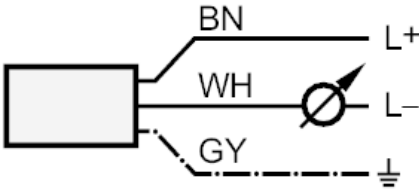
Mechanical data		
Weight	[g]	1284.55
Housing		tubular
Dimensions	[mm]	Ø 27 / L = 100
Material		stainless steel (1.4571/316Ti ); PA

Remarks		
Pack quantity		1 pcs.

Electrical connection

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

Connection

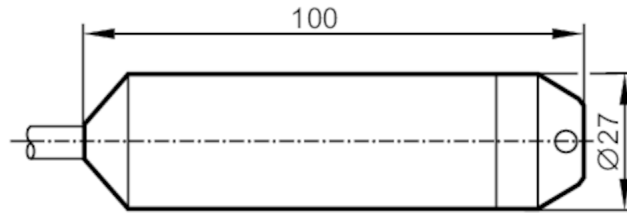


	Core colors :
BN =	brown
GY =	grey
WH =	white



## Hydrostatic submersible pressure transmitter

SUBMERSIBLE 0,6BAR 15M PUR CABLE



## Product characteristics

Number of inputs and outputs	Number of analog outputs: 1				
Measuring range	0...0.6 bar	0...600 mbar	0...8.7 psi	0...240.9 inH <sub>2</sub> O	0...60 kPa

## Application

Design	with capillary tube for pressure compensation			
Application	for industrial applications			
Media	Liquids			
Medium temperature [°C]	-10...50			
Min. burst pressure	4.8 bar	70 psi	480 kPa	
Pressure rating	4 bar	58 psi	400 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 <sub>b</sub> = 24 V; (U <sub>b</sub> - 10 V) / 20 mA)
Short-circuit protection	yes

## Measuring/setting range

Measuring range	0...0.6 bar	0...600 mbar	0...8.7 psi	0...240.9 inH <sub>2</sub> O	0...60 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)
Temperature coefficient zero point	< ± 0,2; (0...50 °C)

# PS3427



## Hydrostatic submersible pressure transmitter

SUBMERSIBLE 0,6BAR 15M 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

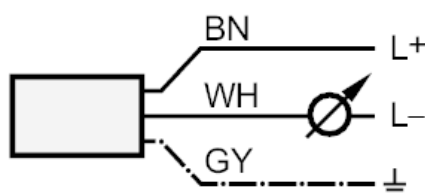
Mechanical data		
Weight	[g]	1246
Housing		tubular
Dimensions	[mm]	Ø 27 / L = 100
Material		stainless steel (1.4571/316Ti ); PA

Remarks		
Pack quantity		1 pcs.

### Electrical connection

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

### Connection



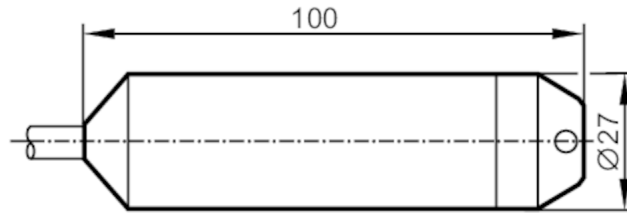
BN = Core colors :  
GY = brown  
WH = grey  
WH = white





## Hydrostatic submersible pressure transmitter

SUBMERSIBLE 0,6BAR 30M PUR CABLE



## Product characteristics

Number of inputs and outputs	Number of analog outputs: 1				
Measuring range	0...0.6 bar	0...600 mbar	0...8.7 psi	0...240.9 inH <sub>2</sub> O	0...60 kPa

## Application

Design	with capillary tube for pressure compensation		
Application	for industrial applications		
Media	Liquids		
Medium temperature [°C]	-10...50		
Min. burst pressure	4.8 bar	70 psi	480 kPa
Pressure rating	4 bar	58 psi	400 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 <sub>b</sub> = 24 V; (U <sub>b</sub> - 10 V) / 20 mA)
Short-circuit protection	yes

## Measuring/setting range

Measuring range	0...0.6 bar	0...600 mbar	0...8.7 psi	0...240.9 inH <sub>2</sub> O	0...60 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)
Temperature coefficient zero point	< ± 0,2; (0...50 °C)

# PS3607



## Hydrostatic submersible pressure transmitter

SUBMERSIBLE 0,6BAR 30M PUR CABLE

	[% of the span / 10 K]	
Temperature coefficient span	[% of the span / 10 K]	$< \pm 0,2; (0...50\text{ }^{\circ}\text{C})$

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

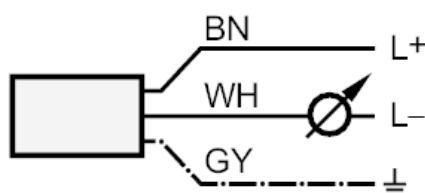
Mechanical data		
Weight	[g]	2351.65
Housing		tubular
Dimensions	[mm]	Ø 27 / L = 100
Material		stainless steel (1.4571/316Ti ); PA

Remarks		
Pack quantity		1 pcs.

### Electrical connection

Cable: 30 m, PUR, Ø 7.5 mm; Core insulation:

### Connection

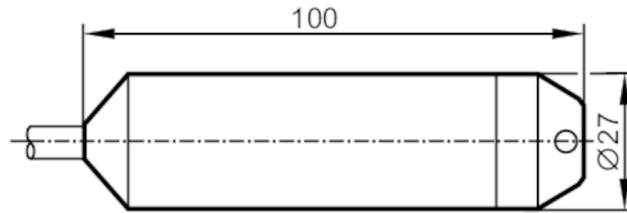


BN = Core colors :  
GY = brown  
WH = grey  
WH = white



## Hydrostatic submersible pressure transmitter

SUBMERSIBLE 1BAR 30M PUR CABLE



## Product characteristics

Number of inputs and outputs	Number of analog outputs: 1				
Measuring range	0...1 bar	0...1000 mbar	0...14.5 psi	0...401.5 inH <sub>2</sub> O	0...100 kPa

## Application

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

## 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 <sub>b</sub> = 24 V; (U <sub>b</sub> - 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)
Temperature coefficient zero point	< ± 0,2; (0...50 °C)

# PS3617



## Hydrostatic submersible pressure transmitter

SUBMERSIBLE 1BAR 30M 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

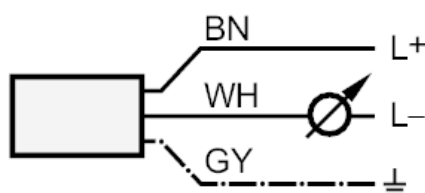
Mechanical data		
Weight	[g]	2342.8
Housing		tubular
Dimensions	[mm]	Ø 27 / L = 100
Material		stainless steel (1.4571/316Ti ); PA

Remarks		
Pack quantity		1 pcs.

### Electrical connection

Cable: 30 m, PUR, Ø 7.5 mm

### Connection

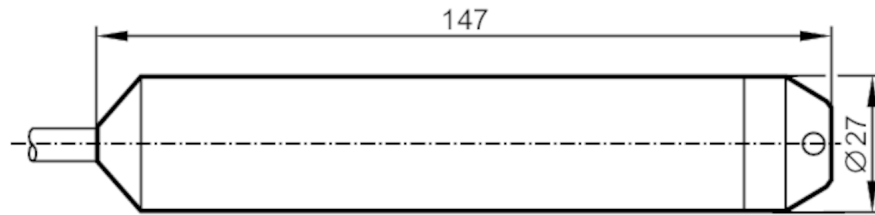


BN = Core colors :  
GY = brown  
WH = grey  
WH = white



## Hydrostatic submersible pressure transmitter

SUBMERSIBLE 0,25BAR 5M FEP 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 <sub>2</sub> O	0...25 kPa

## Application

Design	with capillary tube for pressure compensation		
Application	for industrial applications		
Media	Liquids		
Medium temperature [°C]	-10...85		
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 <sub>b</sub> = 24 V; (U <sub>b</sub> - 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 <sub>2</sub> O	0...25 kPa
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## Accuracy / deviations

Repeatability [% of the span]	< 0,1; (with temperature fluctuations < 10 K)
Characteristics deviation [% of the span]	< 0,25 (BFSL) / 0,5; (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)

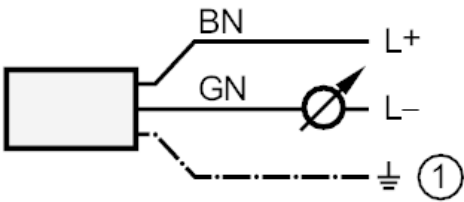
PS4208



Hydrostatic submersible pressure transmitter

SUBMERSIBLE 0,25BAR 5M FEP CABLE

[% of the span / 10 K]		
Temperature coefficient span		< ± 0,2; (0...50 °C)
[% of the span / 10 K]		
Operating conditions		
Ambient temperature	[°C]	-10...85
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]	650.6
Housing		tubular
Dimensions	[mm]	Ø 27 / L = 147
Material		stainless steel (1.4571/316Ti ); PA
Remarks		
Pack quantity		1 pcs.
Electrical connection		
Cable: 5 m, FEP, Ø 7.5 mm		
Connection		

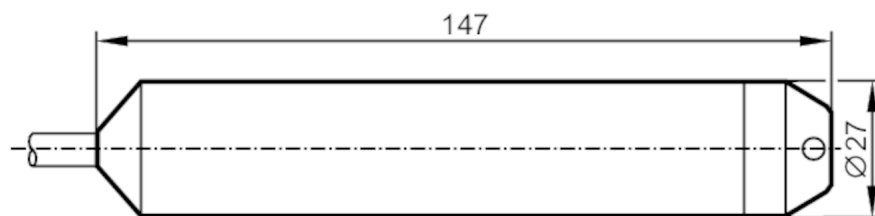


- 1: screen (connected to the housing)
- Core colors :
- BN = brown
- GN = green



## Hydrostatic submersible pressure transmitter

SUBMERSIBLE 0,6BAR 10M FEP CABLE



## Product characteristics

Number of inputs and outputs	Number of analog outputs: 1				
Measuring range	0...0.6 bar	0...600 mbar	0...8.7 psi	0...240.9 inH <sub>2</sub> O	0...60 kPa

## Application

Design	with capillary tube for pressure compensation		
Application	for industrial applications		
Media	Liquids		
Medium temperature [°C]	-10...85		
Min. burst pressure	4 bar	58 psi	400 kPa
Pressure rating	3 bar	43.5 psi	300 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 <sub>b</sub> = 24 V; (U <sub>b</sub> - 10 V) / 20 mA)
Short-circuit protection	yes

## Measuring/setting range

Measuring range	0...0.6 bar	0...600 mbar	0...8.7 psi	0...240.9 inH <sub>2</sub> O	0...60 kPa
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## Accuracy / deviations

Repeatability [% of the span]	< 0,1; (with temperature fluctuations < 10 K)
Characteristics deviation [% of the span]	< 0,25 (BFSL) / 0,5; (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)

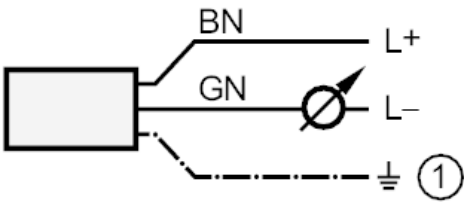
PS4407



Hydrostatic submersible pressure transmitter

SUBMERSIBLE 0,6BAR 10M FEP 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...85
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]	1019.75
Housing		tubular
Dimensions	[mm]	Ø 27 / L = 147
Material		stainless steel (1.4571/316Ti ); PA
Remarks		
Pack quantity		1 pcs.
Electrical connection		
Cable: 10 m, FEP, Ø 7.5 mm		
Connection		



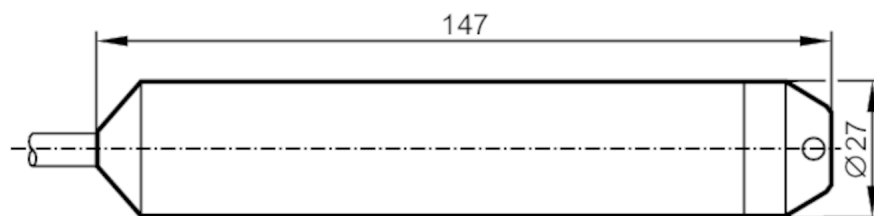
- 1: screen (connected to the housing)
- Core colors :
- BN = brown
- GN = green





## Hydrostatic submersible pressure transmitter

SUBMERSIBLE 0,25BAR 10M FEP 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 <sub>2</sub> O	0...25 kPa

## Application

Design	with capillary tube for pressure compensation		
Application	for industrial applications		
Media	Liquids		
Medium temperature [°C]	-10...85		
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
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## 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 <sub>b</sub> = 24 V; (U <sub>b</sub> - 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 <sub>2</sub> O	0...25 kPa
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## Accuracy / deviations

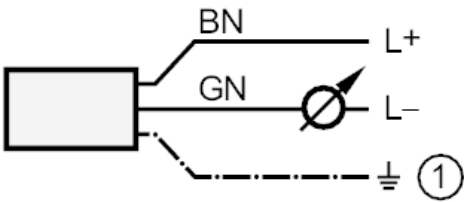
Repeatability [% of the span]	< 0,1; (with temperature fluctuations < 10 K)
Characteristics deviation [% of the span]	< 0,25 (BFSL) / 0,5; (incl. linearity, zero and span error (limit value setting))
Linearity deviation [% of the span]	< 0,2 (BFSL)
Long-term stability [% of the span]	< 0,2; (per year)
Temperature coefficient zero point	< ± 0,2; (0...50 °C)



Hydrostatic submersible pressure transmitter

SUBMERSIBLE 0,25BAR 10M FEP 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...85
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]	991.5
Housing		tubular
Dimensions	[mm]	Ø 27 / L = 147
Material		stainless steel (1.4571/316Ti ); PA
Remarks		
Pack quantity		1 pcs.
Electrical connection		
Cable: 10 m, FEP, Ø 7.5 mm		
Connection		

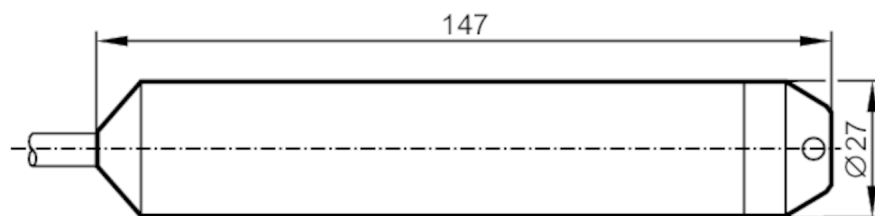


- 1: screen (connected to the housing)
- Core colors :
- BN = brown
- GN = green



## Hydrostatic submersible pressure transmitter

SUBMERSIBLE 1BAR 15M FEP CABLE



## Product characteristics

Number of inputs and outputs	Number of analog outputs: 1				
Measuring range	0...1 bar	0...1000 mbar	0...14.5 psi	0...401.5 inH <sub>2</sub> O	0...100 kPa

## Application

Design	with capillary tube for pressure compensation		
Application	for industrial applications		
Media	Liquids		
Medium temperature [°C]	-10...85		
Min. burst 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

## Inputs / outputs

Number of inputs and outputs	Number of analog outputs: 1
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## 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 <sub>b</sub> = 24 V; (U <sub>b</sub> - 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

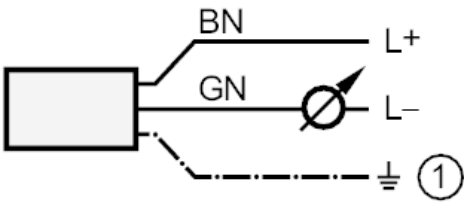
Repeatability [% of the span]	< 0,1; (with temperature fluctuations < 10 K)
Characteristics deviation [% of the span]	< 0,25 (BFSL) / 0,5; (incl. linearity, zero and span error (limit value setting))
Linearity deviation [% of the span]	< 0,2 (BFSL)
Long-term stability [% of the span]	< 0,2; (per year)
Temperature coefficient zero point	< ± 0,2; (0...50 °C)



Hydrostatic submersible pressure transmitter

SUBMERSIBLE 1BAR 15M FEP 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...85
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]	1388.5
Housing		tubular
Dimensions	[mm]	Ø 27 / L = 147
Material		stainless steel (1.4571/316Ti ); PA
Remarks		
Pack quantity		1 pcs.
Electrical connection		
Cable: 15 m, FEP, Ø 7.5 mm		
Connection		

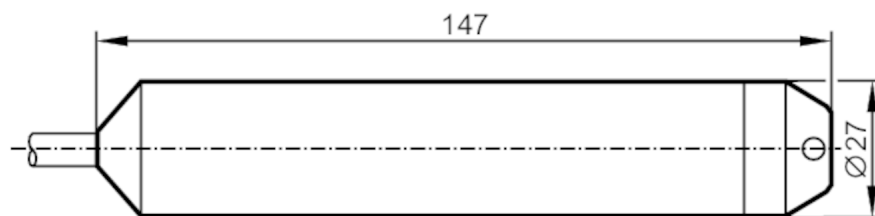


- 1: screen (connected to the housing)
- Core colors :
- BN = brown
- GN = green



## Hydrostatic submersible pressure transmitter

SUBMERSIBLE 0,6BAR 20M FEP CABLE



## Product characteristics

Number of inputs and outputs	Number of analog outputs: 1				
Measuring range	0...0.6 bar	0...600 mbar	0...8.7 psi	0...240.9 inH <sub>2</sub> O	0...60 kPa

## Application

Design	with capillary tube for pressure compensation		
Application	for industrial applications		
Media	Liquids		
Medium temperature [°C]	-10...85		
Min. burst pressure	4 bar	58 psi	400 kPa
Pressure rating	3 bar	43.5 psi	300 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
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## 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 <sub>b</sub> = 24 V; (U <sub>b</sub> - 10 V) / 20 mA)
Short-circuit protection	yes

## Measuring/setting range

Measuring range	0...0.6 bar	0...600 mbar	0...8.7 psi	0...240.9 inH <sub>2</sub> O	0...60 kPa
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## Accuracy / deviations

Repeatability [% of the span]	< 0,1; (with temperature fluctuations < 10 K)
Characteristics deviation [% of the span]	< 0,25 (BFSL) / 0,5; (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)

PS4506



Hydrostatic submersible pressure transmitter

SUBMERSIBLE 0,6BAR 20M FEP 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...85
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

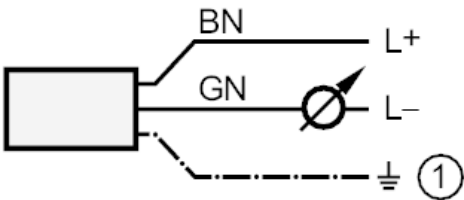
Mechanical data		
Weight	[g]	1754
Housing		tubular
Dimensions	[mm]	Ø 27 / L = 147
Material		stainless steel (1.4571/316Ti ); PA

Remarks		
Pack quantity		1 pcs.

Electrical connection

Cable: 20 m, FEP, Ø 7.5 mm

Connection

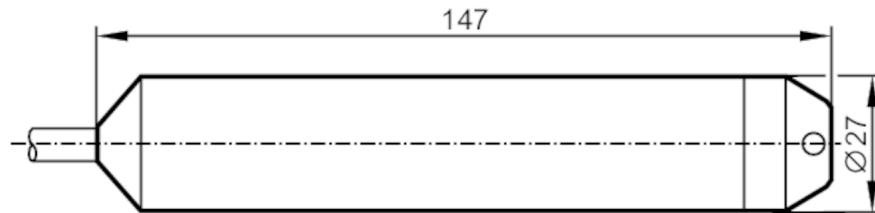


- 1: screen (connected to the housing)
- Core colors :
- BN = brown
- GN = green



## Hydrostatic submersible pressure transmitter

SUBMERSIBLE 1BAR 30M FEP CABLE



## Product characteristics

Number of inputs and outputs	Number of analog outputs: 1				
Measuring range	0...1 bar	0...1000 mbar	0...14.5 psi	0...401.5 inH <sub>2</sub> O	0...100 kPa

## Application

Design	with capillary tube for pressure compensation		
Application	for industrial applications		
Media	Liquids		
Medium temperature [°C]	-10...85		
Min. burst 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

## Inputs / outputs

Number of inputs and outputs	Number of analog outputs: 1
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## 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 <sub>b</sub> = 24 V; (U <sub>b</sub> - 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]	< 0,25 (BFSL) / 0,5; (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)

# PS4607



## Hydrostatic submersible pressure transmitter

SUBMERSIBLE 1BAR 30M FEP 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...85
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

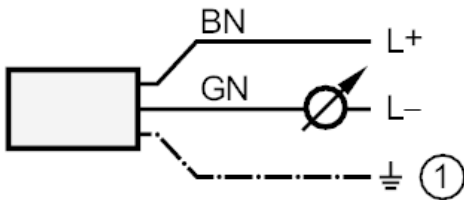
Mechanical data		
Weight	[g]	2376
Housing		tubular
Dimensions	[mm]	Ø 27 / L = 147
Material		stainless steel (1.4571/316Ti ); PA

Remarks		
Pack quantity		1 pcs.

### Electrical connection

Cable: 30 m, FEP, Ø 7.5 mm

Connection



- 1: screen (connected to the housing)  
Core colors :  
BN = brown  
GN = green