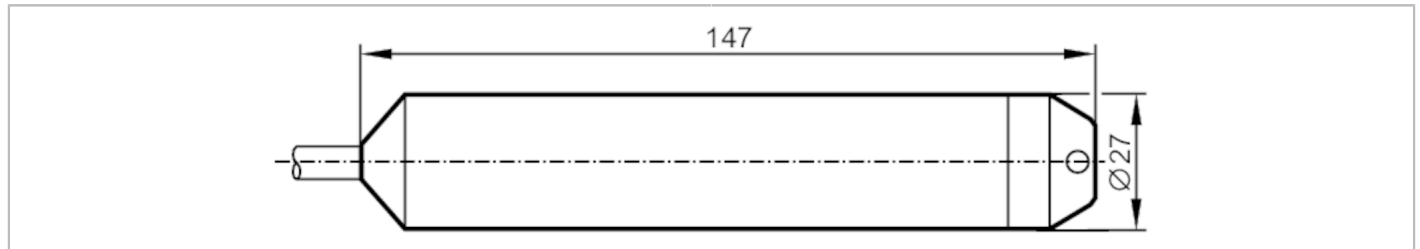




## Hydrostatic submersible pressure transmitter

SUBMERSIBLE 0,6BAR 10M FEP CABLE



| Product characteristics                   |   |
|---|---|
| Output signal                             | analogue signal   |
| Measuring range                           | 0...0.6 bar      0...600 mbar   |
| Application                               |   |
| Design                                    | with capillary tube for pressure compensation                                     |
| Application                               | for industrial applications   |
| Media                                     | Liquids   |
| Medium temperature [°C]                   | -10...85  |
| Pressure rating [bar]                     | 3   |
| Min. bursting pressure [bar]              | 4   |
| 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 analogue outputs: 1   |
| 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                           | 0...0.6 bar      0...600 mbar   |
| 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                       | < 0,2; (per year)   |

# PS4407



## Hydrostatic submersible pressure transmitter

SUBMERSIBLE 0,6BAR 10M FEP CABLE

|                                    |                        |                                 |
|------------------------------------|------------------------|---------------------------------|
|                                    | [% of the span]        |                                 |
| Temperature coefficient zero point | [% of the span / 10 K] | $< \pm 0,2; (0...50\text{ °C})$ |
| Temperature coefficient span       | [% of the span / 10 K] | $< \pm 0,2; (0...50\text{ °C})$ |

| Operating conditions |      |          |
|----------------------|------|----------|
| Ambient temperature  | [°C] | -10...85 |
| Storage temperature  | [°C] | -30...80 |
| Protection           |      | IP 68    |

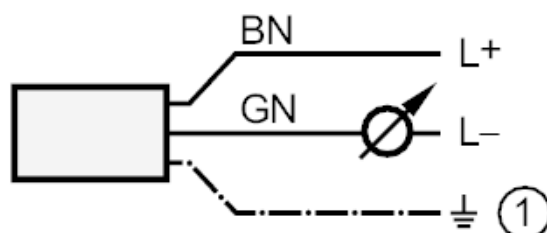
| Tests / approvals            |         |   |
|------------------------------|---------|---|
| MTTF                         | [years] | 403   |
| Pressure Equipment Directive |         | Sound engineering practice; can be used for group 2 fluids; group 1 fluids on request |

| Mechanical data |     |                                     |
|-----------------|-----|-------------------------------------|
| Weight          | [g] | 996.5                               |
| Materials       |     | 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 colours :

BN = brown

GN = green