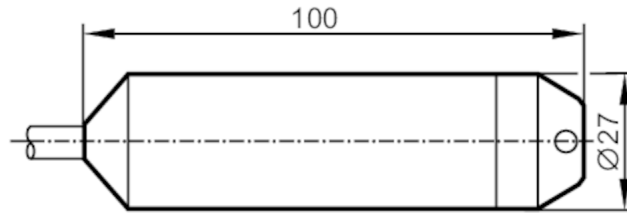


PS3407



Hydrostatic submersible pressure transmitter

SUBMERSIBLE 0,6BAR 10M PUR CABLE



Product characteristics

| | | | | |
|-----------------|-----------------|--------------|-------------|------------|
| Output signal | analogue signal | | | |
| Measuring range | 0...0.6 bar | 0...600 mbar | 0...8.7 psi | 0...60 kPa |

Application

| | | | |
|-------------------------|---|--------|---------|
| Design | with capillary tube for pressure compensation | | |
| Application | for industrial applications | | |
| Media | Liquids | | |
| Medium temperature [°C] | -10...50 | | |
| Pressure rating | 4 bar | 58 psi | 400 kPa |
| Min. bursting pressure | 4.8 bar | 70 psi | 480 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 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; ($U_b = 24\text{ V}$; ($U_b - 10\text{ V}$) / 20 mA) |
| Short-circuit protection | yes |

Measuring/setting range

| | | | | |
|-----------------|-------------|--------------|-------------|------------|
| Measuring range | 0...0.6 bar | 0...600 mbar | 0...8.7 psi | 0...60 kPa |
|-----------------|-------------|--------------|-------------|------------|

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) |

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| | |
|--|----------------------|
| [% 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 |

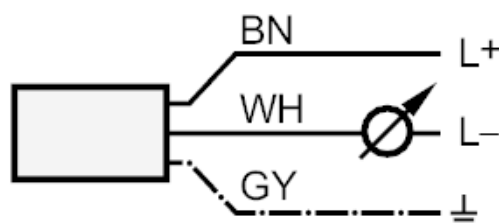
| Tests / approvals | |
|------------------------------|---|
| MTTF [years] | 403 |
| Pressure Equipment Directive | Sound engineering practice; can be used for group 2 fluids; group 1 fluids on request |

| Mechanical data | |
|-----------------|------------------------------------|
| Weight [g] | 897.5 |
| Materials | 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



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