# PC3562

## Pressure transmitter

PT-060-SBG14-A-ZVG/US/ /W

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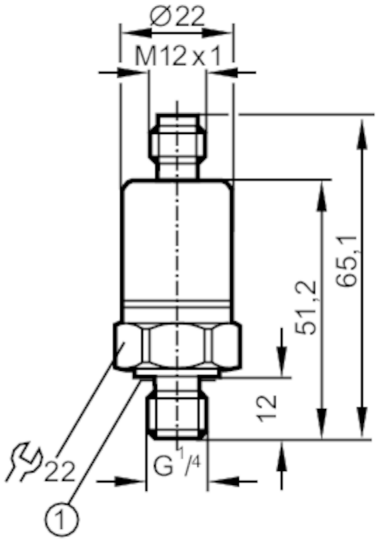
Alternative articles: PT5423
When selecting an alternative article and accessories please note that technical data may differ!




1 Sealing
Tightening torque 25 Nm

CE

| | | |
|---|---|---|
| **Product characteristics** | | |
| Number of inputs and outputs | | Number of analogue outputs: 1 |
| Measuring range | [bar] | 0...60 |
| Process connection | | threaded connection G 1/4 external thread |
| **Application** | | |
| Application | | for industrial applications |
| Media | | liquids and gases |
| Medium temperature | [°C] | -25...90 |
| Min. bursting pressure | [bar] | 1000 |
| Pressure rating | [bar] | 200 |
| Type of pressure | | relative pressure |
| **Electrical data** | | |
| Operating voltage | [V] | 8.5...36 DC |
| Min. insulation resistance | [MΩ] | 100; (500 V 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 |

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| | | |
|---|---|---|
| Output signal | | analogue signal |
| Number of analogue outputs | | 1 |
| Analogue current output | [mA] | 4...20 |
| Max. load | [Ω] | 775; (Ub = 24 V; (Ub - 8,5 V) / 20 mA) |
| **Measuring/setting range** | | |
| Measuring range | [bar] | 0...60 |
| **Accuracy / deviations** | | |
| Repeatability | [% of the span] | < ± 0,15; (with temperature fluctuations < 10 K) |
| Characteristics deviation | [% of the span] | < ± 2,0; (incl. drift when overtightened, zero point and span error) |
| Linearity deviation | [% of the span] | < ± 0,25 (BFSL) / < ± 0,5 (LS) |
| Hysteresis deviation | [% of the span] | < ± 0,2 |
| Long-term stability | [% of the span] | < ± 0,05; (per 6 months) |
| Temperature coefficient zero point | [% of the span / 10 K] | < ± 0,15; (-25...90 °C) |
| Temperature coefficient span | [% of the span / 10 K] | < ± 0,2; (-25...90 °C) |
| **Response times** | | |
| Step response time analogue output | [ms] | 3 |
| **Operating conditions** | | |
| Ambient temperature | [°C] | -25...90 |
| Storage temperature | [°C] | -40...100 |
| Protection | | IP 67; IP 69K |
| **Tests / approvals** | | |
| EMC | | EN 61000-4-2 ESD: 4 kV CD / 8 kV AD |
| | | EN 61000-4-3 HF radiated: 10 V/m |
| | | EN 61000-4-4 Burst: 4 kV coupling clamp |
| | | EN 61000-4-5 Surge: 1 kV signal for DC units |
| | | EN 61000-4-6 HF conducted: 10 V |
| Shock resistance | | DIN IEC 68-2-27: 50 g (11 ms) |
| Vibration resistance | | DIN IEC 68-2-6: 20 g (10...2000 Hz) |
| **Mechanical data** | | |
| Weight | [g] | 73.4 |
| Materials | | stainless steel (1.4404 / 316L); PA |
| Materials (wetted parts) | | stainless steel (1.4404 / 316L); Sealing: FKM |
| Min. pressure cycles | | 50 million |
| Process connection | | threaded connection G 1/4 external thread |
| **Remarks** | | |
| Remarks | | BFSL = Best Fit Straight Line<br>LS = limit value setting |

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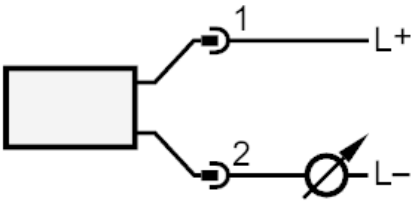
| | |
|---|---|
| Pack quantity | 1 pcs. |

## Electrical connection

Connector: 1 x M12; coding: A

### Connection