

Temperature sensor

USI-TEMP-1,5M-V312

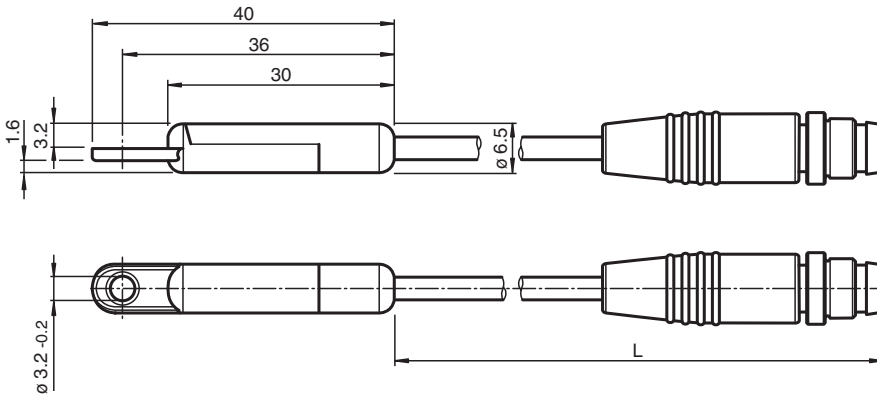


- Compact design
- Universal orientation
- Mounting holes for simple installation

Temperature sensor exclusively for the USi-safety evaluation unit



Dimensions



Technical Data

| General specifications | |
|---------------------------|--|
| Type | Temperature sensor |
| Electrical specifications | |
| Measuring resistor | NTC resistor 4.7 kΩ at 25 °C B value (B _{25/100}) = 3980 K ±3% |
| Ambient conditions | |
| Ambient temperature | movable cable: -25 ... 80 °C (-13 ... 176 °F) fixed cable: -40 ... 80 °C (-40 ... 176 °F) |
| Storage temperature | -40 ... 85 °C (-40 ... 185 °F) |
| Mechanical specifications | |
| Connection type | fixed cable with plug |
| Degree of protection | IP67 |
| Material | |
| Housing | TPU |
| Connector | |
| Threading | M8 x 1 |
| Number of pins | 6 |
| Material | PUR |
| Cable | |
| Cable diameter | 3 mm |

Release date: 2024-02-26 Date of issue: 2024-02-26 Filename: 701131328_eng.pdf

Technical Data

| | | |
|----------------|---|---|
| Bending radius | | fixed cable: > 5 x cable diameter movable cable: > 10 x cable diameter |
| Material | | PUR |
| Color | | black |
| Length | L | 1.5 m ± max. 40 mm |
| Mass | | 22 g |
| Dimensions | | |
| Length | | 40 mm |
| Diameter | | 6.5 mm |

Commissioning

This component is only intended for use in conjunction with the ultrasonic sensor system USi-safety. Further details, mounting and commissioning instructions for the safe ultrasonic sensor system USi-safety can be found in the original instructions on the respective product page at www.pepperl-fuchs.com.