

Temperature sensor

USI-TEMP-1,5M-V312

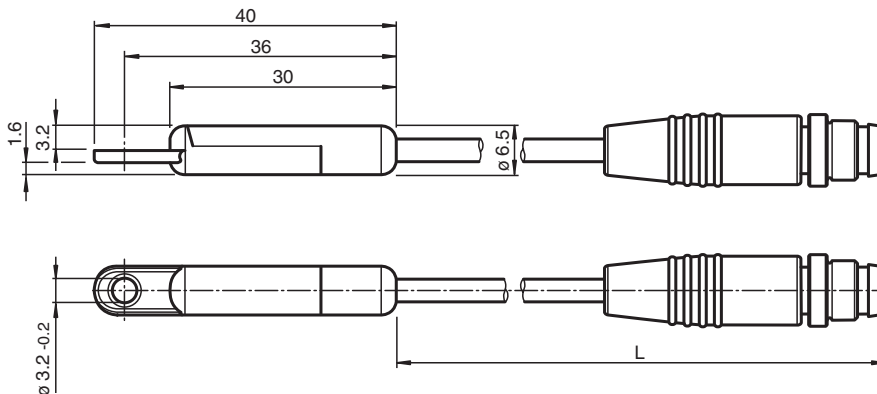


- Compact design
- Universal orientation
- Mounting holes for simple installation

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

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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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.

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