

OI991371**TEMPERATURE SENSORS • CONTACTLESS MEASUREMENT (INFRARED)****MECHANICAL DATA**

Ambient temperature	-10 °C ... 60 °C
Degree of protection (IP)	IP65
Housing material	Stainless steel
Measurement of material humidity	No
Thread pitch	1.5 mm
Thread size, metric	38

ELECTRICAL DATA

Data logging possible	Yes
Display	None
Hysteresis	5 %
Infrared measurement	Yes
Interface	No
Interface possible	Yes
Max. output current	400 mA
Measured value memory	No
Measurement of differential temperature	No
Measurement of rel. air humidity	No
Measuring range	0 °C ... 300 °C
Multiple display	No
No-load current	20 mA
Number of pins	4
Operating voltage	18 V ... 32 V
Relative repeat accuracy	0.1 %
Response/decay time	500 ms
Reverse polarity protection	Yes
Separate sensor	No
Setting procedure	Manual adjustment
Short-circuit-proof	Yes
Thermocouple RTD	No
Type B thermocouple	No

ELECTRICAL DATA

Type E thermocouple	No
Type J thermocouple	No
Type K thermocouple	No
Type N thermocouple	No
Type of electrical connection	Connector M12
Type of switching function	Normally open contact (NO)
Type of switching output	PNP
Type R thermocouple	No
Type S thermocouple	No
Type T thermocouple	No
With LED display	Yes

OPTICAL DATA

Angle of beam spread	10 °
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DIMENSIONAL DRAWING**INSTALLATION**

Mounting / Installation may only be carried out by a qualified electrician!

DISPOSAL**SAFETY WARNINGS**

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information!