

**OI38A011****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**

Display	None
Infrared measurement	Yes
Interface	No
Measured value memory	No
Measurement of differential temperature	No
Measurement of rel. air humidity	No
Measuring range	50 °C ... 150 °C
Multiple display	No
No-load current	40 mA
Number of pins	4
Operating voltage	18 V ... 32 V
Relative repeat accuracy	1 %
Response/decay time	100 ms
Reverse polarity protection	Yes
Separate sensor	No
Short-circuit-proof	Yes
Thermocouple RTD	No
Type B thermocouple	No
Type E thermocouple	No
Type J thermocouple	No
Type K thermocouple	No
Type N thermocouple	No
Type of analog output	4 mA ... 20 mA

**ELECTRICAL DATA**

Type of electrical connection	Connector M12
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!