

OI814140**TEMPERATURE SENSORS • CONTACTLESS MEASUREMENT (INFRARED)****MECHANICAL DATA**

| | |
|----------------------------------|------------------------|
| Ambient temperature | -20 °C ... 75 °C |
| Degree of protection (IP) | IP67 |
| Housing design | Cylinder plain |
| Housing material | Stainless steel 1.4571 |
| Measurement of material humidity | No |
| Sensor diameter | 60 mm |

ELECTRICAL DATA

| | |
|---|----------------------------|
| Display | None |
| Hysteresis | 5 % |
| Infrared measurement | Yes |
| Interface | No |
| 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 |
| Number of pins | 5 |
| Operating voltage | 20 V ... 250 V |
| Separate sensor | No |
| Switching frequency | 10 Hz |
| 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 electrical connection | Plug-in connection |
| Type of switching function | Normally open contact (NO) |
| Type of switching output | Two-wire |

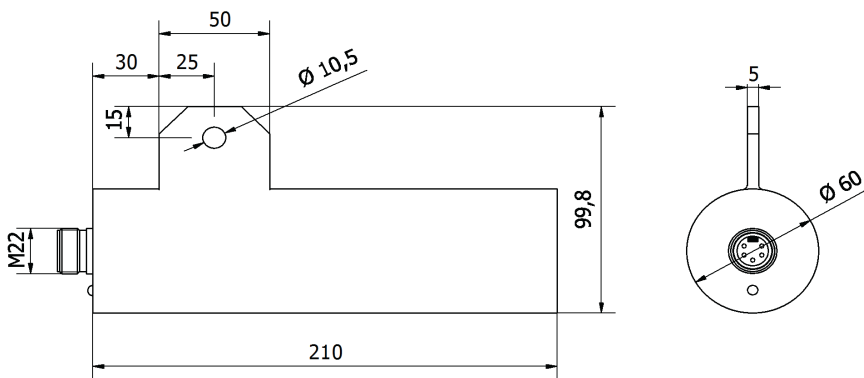
ELECTRICAL DATA

| | |
|---------------------|-----|
| Type R thermocouple | No |
| Type S thermocouple | No |
| Type T thermocouple | No |
| Voltage type | AC |
| With LED display | Yes |

OPTICAL DATA

| | |
|----------------------|-----|
| Angle of beam spread | 2 ° |
|----------------------|-----|

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!