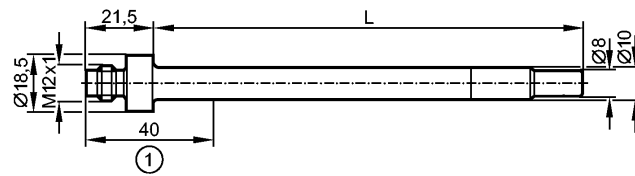




TT-200KBBD10-...../US/

Temperature sensors



1: plug area

L = probe length (corresponds to installation length EL)



Product characteristics

Temperature sensor for connection to evaluation units

Quick disconnect

Installation length EL: 260 mm

gold-plated contacts

Connection to control monitor TP / TR

Measuring range: -40...150 °C / -40...302 °F

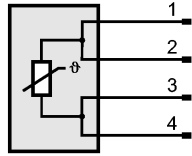
Measuring element: 1 x Pt 1000, to DIN EN 60751, class A

Application

| | | |
|---------------------------------|-------------------------------------|--------------|
| Application | liquids and gases | |
| Pressure rating [bar] | 160 | |
| Minimum installation depth [mm] | 15 | |
| Electrical data | TP / TR | |
| Connection to control monitor | TP / TR | |
| Protection class | III | |
| Measuring / setting range | -40...150 °C -40...302 °F | |
| Measuring range | -40...150 °C | -40...302 °F |
| Accuracy / deviations | ± (0.15 K + 0.002 x t) | |
| Reaction times | 1 / 3 *) | |
| Dynamic response T05 / T09 [s] | 1 / 3 *) | |
| Environment | -25...80, for the plug area | |
| Ambient temperature [°C] | -25...80, for the plug area | |
| Storage temperature [°C] | -40...100 | |
| Protection | IP 68 / IP 69K | |
| Tests / approvals | DIN EN 60068-2-27 50 g (11 ms) | |
| Shock resistance | DIN EN 60068-2-27 50 g (11 ms) | |
| Vibration resistance | DIN EN 60068-2-6 5 g (10...2000 Hz) | |
| MTTF [Years] | 22831 | |
| Mechanical data | stainless steel 316L / 1.4404 | |
| Materials (wetted parts) | stainless steel 316L / 1.4404 | |
| Probe diameter [mm] | 10 | |
| Probe length L [mm] | 260 | |
| Installation length EL [mm] | 260 | |
| Housing materials | stainless steel 316L / 1.4404 | |
| Weight [kg] | 0.077 | |
| Electrical connection | M12 connector; gold-plated contacts | |
| Connection | M12 connector; gold-plated contacts | |

Wiring

TT2050 - Temperature sensor for connection to evaluation units - eclass: 27200214 / 27-20-02-14



Remarks

Remarks

*) according to DIN EN 60751

The values for accuracy apply to flowing water.

Pack quantity

[piece]

1