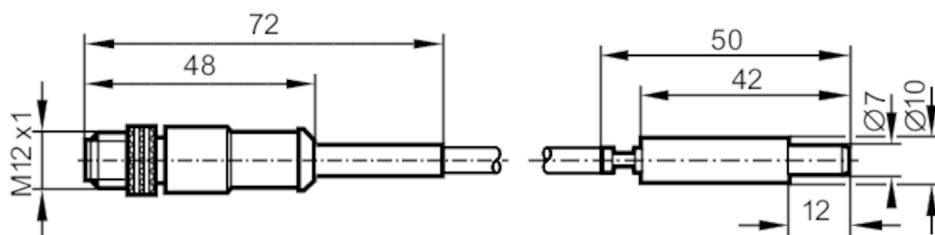


# TS2089



## Temperature cable sensor with process connection

TS-200KLKD10-...../US/



| Product characteristics    |                                        |                           |
|----------------------------|----------------------------------------|---------------------------|
| Measuring range            | -40...90 °C                            | -40...194 °F              |
| Process connection         | clamp adapter Ø 10 mm                  |                           |
| Installation length EL     | [mm]                                   | 42                        |
| Application                |                                        |                           |
| Special feature            | Gold-plated contacts                   |                           |
| Measuring element          | 1 x Pt 100; (to DIN EN 60751, class A) |                           |
| Media                      | liquids and gases                      |                           |
| Minimum installation depth | [mm]                                   | 15                        |
| Electrical data            |                                        |                           |
| Protection class           | III                                    |                           |
| Measuring/setting range    |                                        |                           |
| Measuring range            | -40...90 °C                            | -40...194 °F              |
| Accuracy / deviations      |                                        |                           |
| Accuracy                   | [K]                                    | ± (0,15 K + 0,002 x t )   |
| Response times             |                                        |                           |
| Dynamic response T05 / T09 | [s]                                    | 6 / 25; (to DIN EN 60751) |
| Operating conditions       |                                        |                           |
| Protection                 | IP 67                                  |                           |
| Tests / approvals          |                                        |                           |
| MTTF                       | [years]                                | 11415.5                   |
| Mechanical data            |                                        |                           |
| Weight                     | [g]                                    | 95.5                      |
| Housing                    | cylindrical                            |                           |
| Design                     | measuring probe                        |                           |
| Dimensions                 | [mm]                                   | Ø 10 / L = 50             |
| Materials                  | stainless steel                        |                           |
| Materials (wetted parts)   | stainless steel (316L/1.4404)          |                           |
| Process connection         | clamp adapter Ø 10 mm                  |                           |
| Probe diameter             | [mm]                                   | 10                        |
| Installation length EL     | [mm]                                   | 42                        |

# TS2089



## Temperature cable sensor with process connection

TS-200KLKD10-...../US/

### Remarks

Remarks

The values for accuracy apply to flowing water.

Pack quantity

1 pcs.

### Electrical connection

Cable: 2 m, PUR

Connector: 1 x M12; coding: A; Contacts: gold-plated



### Connection

