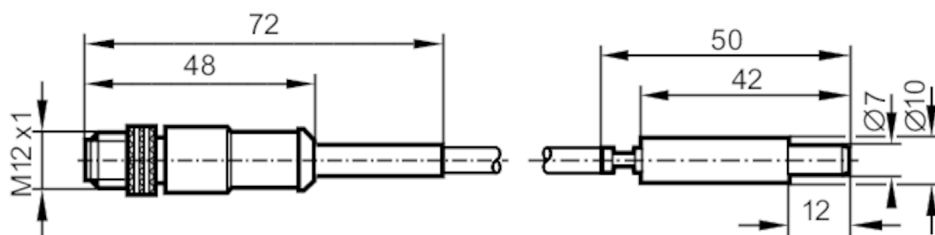


# TS2089



## Temperature cable sensor with process connection

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



### Application

|                                 |                                        |
|---------------------------------|----------------------------------------|
| 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] | $\pm (0,15 K + 0,002 \times  t )$ |
|--------------|-----------------------------------|

### Response times

|                                |                           |
|--------------------------------|---------------------------|
| Dynamic response T05 / T09 [s] | 6 / 25; (to DIN EN 60751) |
|--------------------------------|---------------------------|

### Operating conditions

|            |       |
|------------|-------|
| Protection | IP 67 |
|------------|-------|

### Mechanical data

|                          |                                 |
|--------------------------|---------------------------------|
| Weight [g]               | 95                              |
| Housing                  | measuring probe                 |
| Dimensions [mm]          | Ø 10                            |
| Materials                | stainless steel                 |
| Materials (wetted parts) | stainless steel (1.4404 / 316L) |
| Process connection       | diameter Ø 10 mm                |
| Probe diameter [mm]      | 10                              |

### Remarks

|               |                                                 |
|---------------|-------------------------------------------------|
| Remarks       | The values for accuracy apply to flowing water. |
| Pack quantity | 1 pcs.                                          |

### Electrical connection

Cable: 2 m, PUR

Connector: 1 x M12; Contacts: gold-plated



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### Connection

