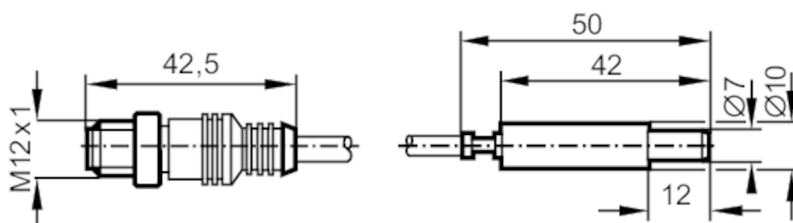


# TS2056



## Temperature cable sensor with process connection

TS-200KCID10-...../US/



**DNV**  
DNV.COM/AF

### Product characteristics

|                             |                       |              |
|-----------------------------|-----------------------|--------------|
| Measuring range             | -50...250 °C          | -58...482 °F |
| Process connection          | clamp adapter Ø 10 mm |              |
| Installation length EL [mm] | 42                    |              |

### Application

|                                 |                                          |  |
|---------------------------------|------------------------------------------|--|
| Measuring element               | 1 x Pt 100; (to DIN EN 60751, class A)   |  |
| Media                           | liquids and gases                        |  |
| Pressure rating [bar]           | 160                                      |  |
| Note on pressure rating         | for mounting in progressive ring fitting |  |
| Minimum installation depth [mm] | 15                                       |  |

### Electrical data

|                  |     |
|------------------|-----|
| Protection class | III |
|------------------|-----|

### Measuring/setting range

|                         |                                       |              |
|-------------------------|---------------------------------------|--------------|
| Probe length L [mm]     | 42                                    |              |
| Measuring range         | -50...250 °C                          | -58...482 °F |
| Note on measuring range | stationary: 280 °C / 536 °F (10000 h) |              |

### Accuracy / deviations

|              |                             |
|--------------|-----------------------------|
| Accuracy [K] | $\pm (0,15 K + 0,002 x t )$ |
|--------------|-----------------------------|

### Response times

|                                |                            |
|--------------------------------|----------------------------|
| Dynamic response T05 / T09 [s] | 12 / 39; (to DIN EN 60751) |
|--------------------------------|----------------------------|

### Operating conditions

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

### Tests / approvals

|              |         |
|--------------|---------|
| MTTF [years] | 11415.5 |
|--------------|---------|

### Mechanical data

|                          |                                         |
|--------------------------|-----------------------------------------|
| Weight [g]               | 86.6                                    |
| Housing                  | cylindrical                             |
| Design                   | measuring probe                         |
| Dimensions [mm]          | Ø 10 / L = 50                           |
| Materials                | stainless steel (316L/1.4404); PFA/PTFE |
| Materials (wetted parts) | stainless steel (316L/1.4404)           |
| Process connection       | clamp adapter Ø 10 mm                   |
| Probe diameter [mm]      | 10                                      |

# TS2056



## Temperature cable sensor with process connection

TS-200KCID10-...../US/

|                        |      |    |
|------------------------|------|----|
| Installation length EL | [mm] | 42 |
|------------------------|------|----|

### Remarks

|         |                                                 |
|---------|-------------------------------------------------|
| Remarks | The values for accuracy apply to flowing water. |
|---------|-------------------------------------------------|

|               |        |
|---------------|--------|
| Pack quantity | 1 pcs. |
|---------------|--------|

### Electrical connection

Cable: 2 m, PTFE

Connector: 1 x M12; coding: A



### Connection

