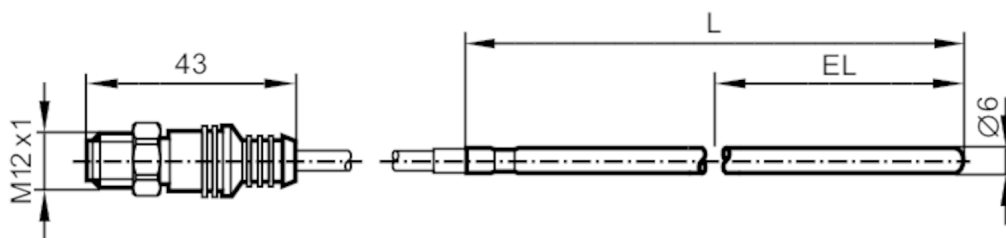


TS2452



Temperature cable sensor with process connection

TS-200KLKD06 .../US



1 connection area, see remark



Product characteristics

| | | |
|-----------------------------|--|----------------|
| Measuring range | -100...600 °C | -148...1112 °F |
| Process connection | Diameter Ø 6 mm | |
| Installation length EL [mm] | 100; (medium temperatures < 200 °C: 150) | |

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

| | | | |
|-----------------|------|---------------|----------------|
| Probe length L | [mm] | 150 | |
| Measuring range | | -100...600 °C | -148...1112 °F |

Accuracy / deviations

| | |
|--------------|-------------------------|
| Accuracy [K] | ± (0,15 K + 0,002 x t) |
|--------------|-------------------------|

Reaction times

| | |
|--------------------------------|--------------------------------------|
| Dynamic response T05 / T09 [s] | 12 / 34; (according to DIN EN 60751) |
|--------------------------------|--------------------------------------|

Operating conditions

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

Tests / approvals

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

Mechanical data

| | |
|-----------------------------|--|
| Weight [g] | 87 |
| Dimensions [mm] | Ø 6 |
| Material | stainless steel (1.4571/316Ti); PFA/PTFE |
| Materials (wetted parts) | stainless steel (1.4571/316Ti) |
| Process connection | Diameter Ø 6 mm |
| Probe diameter [mm] | 6 |
| Installation length EL [mm] | 100; (medium temperatures < 200 °C: 150) |

Remarks

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

TS2452



Temperature cable sensor with process connection

TS-200KLKD06 .../US

Electrical connection

Cable: 2 m, PTFE; temperature-resistant up to 250°C

Connector: 1 x M12



Connection

