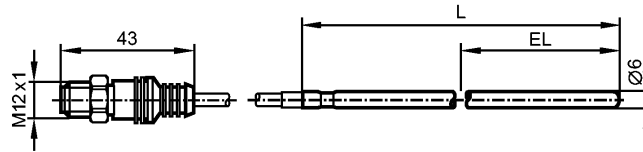


TS2451

TS-200KLKD06 .../US

Temperature sensors



Product characteristics

Temperature sensor for connection to evaluation units

Ø 6 mm

Cable with connector

Installation length EL: 50 **) mm

Connection to control monitor TP / TR

Measuring range: -100...600 °C / -148...1112 °F

Measuring element: 1 x Pt 100, to DIN EN 60751, class A

Application

Application liquids and gases

Minimum installation depth [mm] 15

Electrical data

Connection to control monitor TP / TR

Protection class III

Measuring / setting range

Measuring range -100...600 °C -148...1112 °F

Accuracy / deviations

Accuracy ± (0.15 K + 0.002 x |t|)

Reaction times

Dynamic response T05 / T09 [s] 12 / 34 *)

Environment

Protection IP 67

Mechanical data

Materials (wetted parts) stainless steel 316Ti / 1.4571

Probe diameter [mm] 6

Probe length L [mm] 100

Installation length EL [mm] 50 **)

Housing materials stainless steel 316Ti / 1.4571; PFA/PTFE

Weight [kg] 0.08

TS2451

TS-200KLKD06 .../US

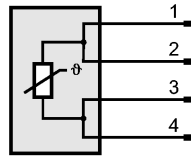
Temperature sensors

Electrical connection

Connection

PTFE cable / 2 m; temperature-resistant up to 250°C, with M12 connector

Wiring



Remarks

Remarks

The values for accuracy apply to flowing water.

*) according to DIN EN 60751

***) Für Medientemperaturen < 200°C: Einbaulänge EL = Stablänge L

Pack quantity

[piece]

1