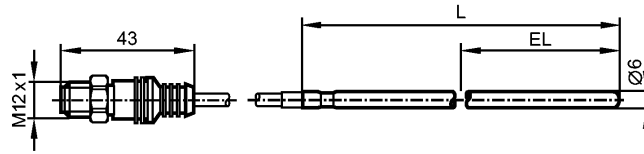


TS2451

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
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Accuracy / deviations

Accuracy	± (0.15 K + 0.002 x t)
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Reaction times

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

Protection	IP 67
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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

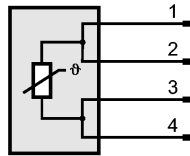
Temperature sensors

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