

TS2451



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	clamp adapter Ø 6 mm	
Installation length EL [mm]	50; (medium temperatures < 200 °C: 100)	

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
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Measuring/setting range

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

Accuracy / deviations

Accuracy [K]	± (0,15 K + 0,002 x t)
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Response times

Dynamic response T05 / T09 [s]	12 / 34; (to DIN EN 60751)
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Operating conditions

Protection	IP 67
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Tests / approvals

MTTF [years]	11415.5
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Mechanical data

Weight [g]	80.1
Housing	cylindrical
Dimensions [mm]	Ø 6 / L = 100
Materials	stainless steel (316Ti/1.4571); PFA/PTFE
Materials (wetted parts)	stainless steel (316Ti/1.4571)
Process connection	clamp adapter Ø 6 mm
Probe diameter [mm]	6
Installation length EL [mm]	50; (medium temperatures < 200 °C: 100)

Remarks

Remarks	The values for accuracy apply to flowing water.
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Pack quantity

1 pcs.

Electrical connection

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

Connector: 1 x M12; coding: A



Connection

