

TS2089



Temperature cable sensor with process connection

TS-200KLKD10-...../US/



Product characteristics

Measuring range	-40...90 °C	-40...194 °F
Process connection	Clamp fitting Ø 10 mm	
Installation length EL [mm]	42	

Application

Special feature	gold-plated contacts
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

Measuring range	-40...90 °C	-40...194 °F
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Accuracy / deviations

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

Dynamic response T05 / T09 [s]	6 / 25; (according 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]	95.5
Housing	tubular
Design	Measuring probes
Dimensions [mm]	Ø 10 / L = 50
Material	stainless steel
Materials (wetted parts)	stainless steel (1.4404 / 316L)
Process connection	Clamp fitting Ø 10 mm
Probe diameter [mm]	10
Installation length EL [mm]	42

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

Electrical connection

Cable: 2 m, PUR

Connector: 1 x M12; coding: A; Contacts: 4, gold-plated



Connection

