



Temperature cable sensor with process connection

TS-500KLKD10-...../US/



Product characteristics

Measuring range	-40...90 °C	-40...194 °F
Process connection	clamp adapter 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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Response times

Dynamic response T05 / T09 [s]	6 / 25; (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]	193.6	
Housing	cylindrical	
Design	measuring probe	
Dimensions [mm]	Ø 10 / L = 50	
Materials	stainless steel	
Materials (wetted parts)	stainless steel (316L/1.4404)	
Process connection	clamp adapter Ø 10 mm	
Probe diameter [mm]	10	
Installation length EL [mm]	42	

TS5089



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Remarks

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The values for accuracy apply to flowing water.

Pack quantity

1 pcs.

Electrical connection

Cable: 5 m, PUR

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



Connection

