

TS2089



Temperature cable sensor with process connection

TS-200KLKD10-...../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	
Measuring/setting range		
Measuring range	-40...90 °C	-40...194 °F
Accuracy / deviations		
Accuracy	[K]	± (0,15 K + 0,002 x t)
Response times		
Dynamic response T05 / T09	[s]	6 / 25; (to DIN EN 60751)
Operating conditions		
Protection	IP 67	
Tests / approvals		
MTTF	[years]	11415.5
Mechanical data		
Weight	[g]	95.5
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

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Remarks

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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: gold-plated



Connection

