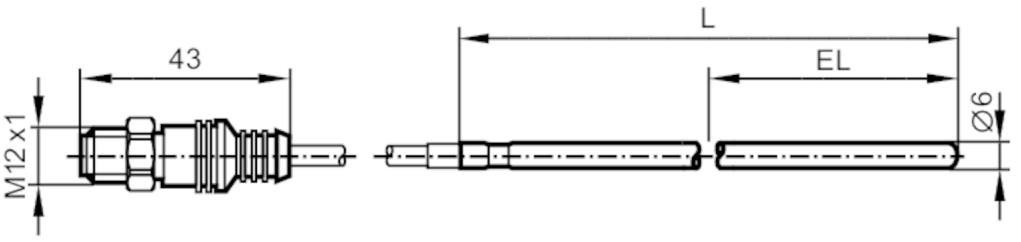
TS0453

Temperature cable sensor with process connection

TS-000KLKD06I.../US



1 connection area, see remark

CE

Product characteristics			
Measuring range		-100...600 °C	-148...1112 °F
Process connection		Diameter Ø 6 mm	
Installation length EL	[mm]	150; (medium temperatures < 200 °C: 200)	
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	
Measuring/setting range			
Probe length L	[mm]	200	
Measuring range		-100...600 °C	-148...1112 °F
Accuracy / deviations			
Accuracy	[K]	± (0,15 K + 0,002 x|t|)	
Reaction times			
Dynamic response T05 / T09	[s]	12 / 34; (according to DIN EN 60751)	
Operating conditions			
Protection		IP 67	
Tests / approvals			
MTTF	[years]	11415.5	
Mechanical data			
Weight	[g]	282.9	
Dimensions	[mm]	Ø 6	
Material		stainless steel (1.4571/316Ti); PFA/PTFE	
Materials (wetted parts)		stainless steel (1.4571/316Ti)	
Process connection		Diameter Ø 6 mm	
Probe diameter	[mm]	6	
Installation length EL	[mm]	150; (medium temperatures < 200 °C: 200)	
Remarks			
Remarks		The values for accuracy apply to flowing water.	
Pack quantity		1 pcs.	

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Temperature cable sensor with process connection

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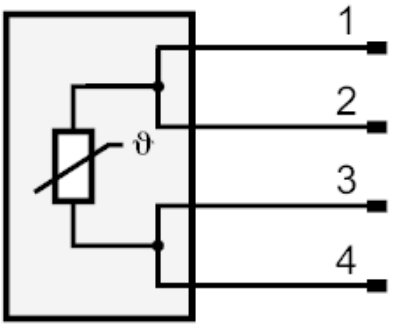
Electrical connection

Cable: 10 m, PTFE; temperature-resistant up to 250°C

Connector: 1 x M12; coding: A

Connection