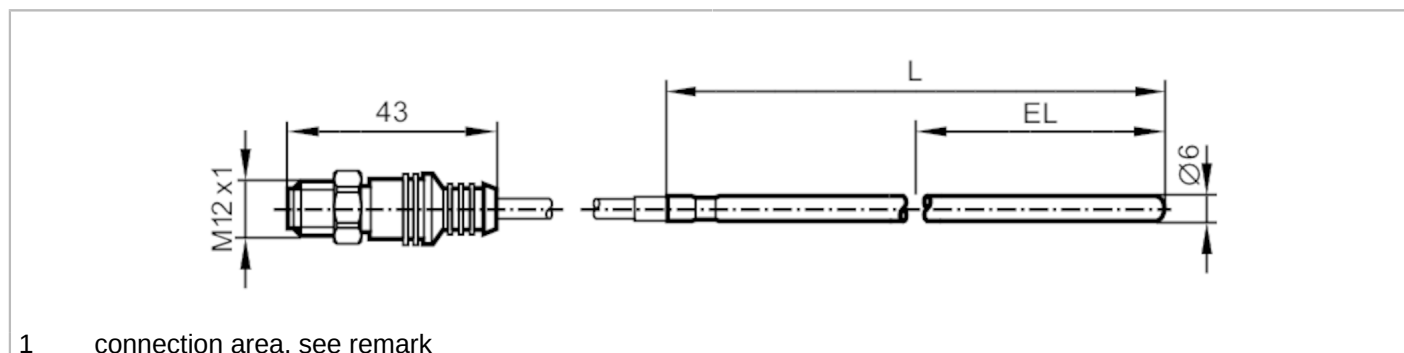


TS2453



Temperature cable sensor with process connection

TS-200KDKD06 .../US



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	
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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)	
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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]	96.3	
Dimensions [mm]	Ø 6	
Materials	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: 2 m, PTFE; temperature resistant up to 250 °C

Connector: 1 x M12



Connection

