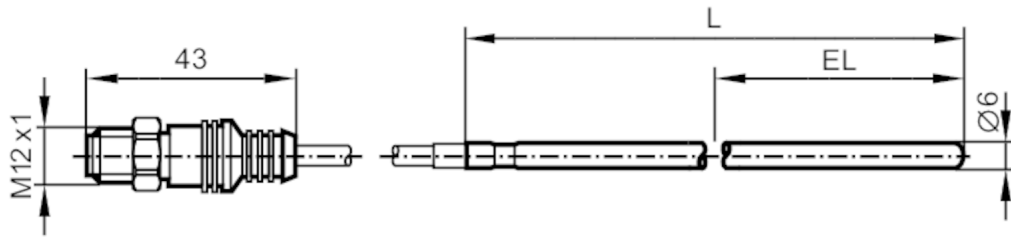# TS2452

Temperature cable sensor with process connection

TS-200KLKD06 .../US

1   connection area, see remark

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Product characteristics		
Measuring range	-100...600 °C	-148...1112 °F
Process connection	diameter Ø 6 mm	
Installation length EL [mm]	100; (medium temperatures < 200 °C: 150)	
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]	150	
Measuring range	-100...600 °C	-148...1112 °F
Accuracy / deviations		
Accuracy [K]	± (0,15 K + 0,002 x |t|)	
Response times		
Dynamic response T05 / T09 [s]	12 / 34; (to DIN EN 60751)	
Operating conditions		
Protection	IP 67	
Tests / approvals		
MTTF [years]	11415.5	
Mechanical data		
Weight [g]	87	
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]	100; (medium temperatures < 200 °C: 150)	
Remarks		
Remarks	The values for accuracy apply to flowing water.	
Pack quantity	1 pcs.	

TS2452

Temperature cable sensor with process connection

TS-200KLKD06 .../US

Electrical connection

Cable: 2 m, PTFE; temperature resistant up to 250 °C

Connector: 1 x M12

Connection