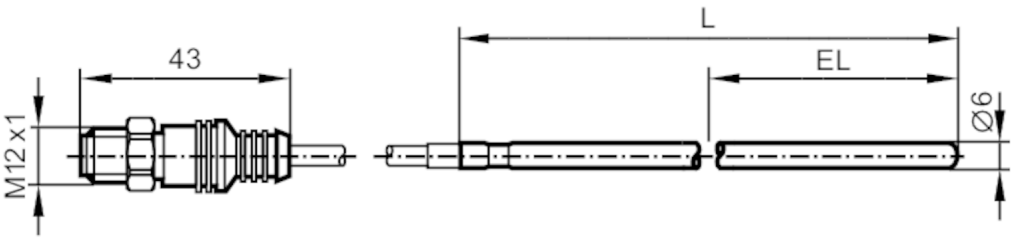
TS2451

Temperature cable sensor with process connection

TS-200KLKD06 .../US



1 connection area, see remark

Product characteristics			
Measuring range		-100...600 °C	-148...1112 °F
Process connection		clamp adapter Ø 6 mm	
Installation length EL	[mm]	50; (medium temperatures < 200 °C: 100)	
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]	100	
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]	11416	
Mechanical data			
Weight	[g]	80.1	
Housing		cylindrical	
Dimensions	[mm]	Ø 6 / L = 100	
Materials		stainless steel (316Ti/1.4571); PFA/PTFE	
Materials (wetted parts)		stainless steel (316Ti/1.4571)	
Process connection		clamp adapter Ø 6 mm	
Probe diameter	[mm]	6	
Installation length EL	[mm]	50; (medium temperatures < 200 °C: 100)	
Remarks			
Remarks		The values for accuracy apply to flowing water.	

TS2451

Temperature cable sensor with process connection

TS-200KLKD06 .../US

Pack quantity	1 pcs.

Electrical connection

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

Connector: 1 x M12; coding: A; Contacts: 4



Connection

