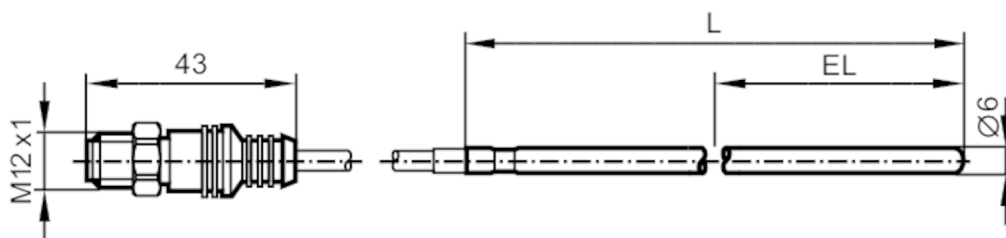


TS2451



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 fitting 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)	
Reaction times		
Dynamic response T05 / T09 [s]	12 / 34; (according to DIN EN 60751)	
Operating conditions		
Protection	IP 67	
Tests / approvals		
MTTF [years]	11416	
Mechanical data		
Weight [g]	80.1	
Housing	tubular	
Dimensions [mm]	Ø 6 / L = 100	
Material	stainless steel (1.4571/316Ti); PFA/PTFE	
Materials (wetted parts)	stainless steel (1.4571/316Ti)	
Process connection	Clamp fitting 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

