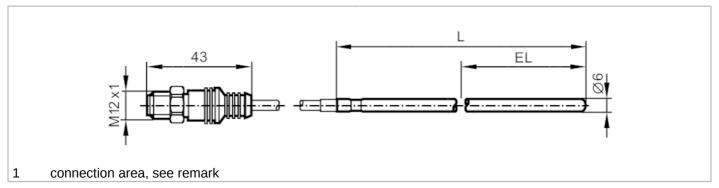
TS2451

Temperature cable sensor with process connection









Product characteristics				
Measuring range		-100600 °C	-1481112 °F	
Process connection		Diameter Ø 6 mm		
Installation length EL	[mm]	50; (medium temperatures < 200 °C: 100)		
Application				
Measuring element	ring element 1 x Pt 100; (to DIN EN 60751, class A)		EN 60751, class A)	
Media		liquids and gases		
Minimum installation depth	n [mm]	15		
Electrical data				
Protection class		III		
Measuring/setting range				
Probe length L	[mm]	10	0	
Measuring range		-100600 °C	-1481112 °F	
Accuracy / deviations				
Accuracy	[K]	± (0,15 K +	0,002 x t)	
Reaction times				
Dynamic response T05 / T	-09 [s]	12 / 34; (according to DIN EN 60751)		
Operating conditions				
Protection		IP 67		
Tests / approvals				
MTTF	[years]	11415.5		
Mechanical data				
Weight	[g]	80.1		
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]	50; (medium tempera	atures < 200 °C: 100)	
Remarks				
Remarks		The values for accuracy apply to flowing water.		
Pack quantity		1 pcs.		

TS2451

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; coding: A



Connection

