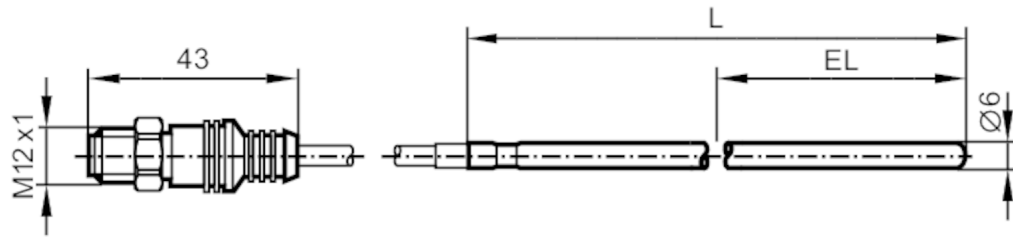


TS2451



Temperature cable sensor with process connection

TS-200KLLKD06 .../US



1 connection area, see remark



Product characteristics

Measuring range	-100...600 °C	-148...1112 °F
Process connection	Diameter 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]	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 temperatures < 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-200KDKD06 .../US

Electrical connection

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

Connector: 1 x M12



Connection

