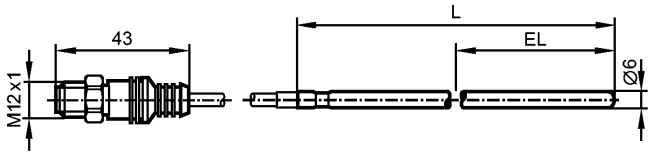
TS2451

TS-200KLKD06 .../US

Temperature sensors



Product characteristics			
Temperature sensor for connection to evaluation units			
Ø 6 mm			
Cable with connector			
Installation length EL: 50 **) mm			
Connection to control monitor TP / TR			
Measuring range: -100...600 °C / -148...1112 °F			
Measuring element: 1 x Pt 100, to DIN EN 60751, class A			
Application			
Application		liquids and gases	
Minimum installation depth	[mm]	15	
Electrical data			
Connection to control monitor		TP / TR	
Protection class		III	
Measuring / setting range			
Measuring range		-100...600 °C	-148...1112 °F
Accuracy / deviations			
Accuracy		± (0.15 K + 0.002 x |t|)	
Reaction times			
Dynamic response	T05 / T09 [s]	12 / 34 *)	
Environment			
Protection		IP 67	
Mechanical data			
Materials (wetted parts)		stainless steel 316Ti / 1.4571	
Probe diameter	[mm]	6	
Probe length L	[mm]	100	
Installation length EL	[mm]	50 **)	
Housing materials		stainless steel 316Ti / 1.4571; PFA/PTFE	
Weight	[kg]	0.08	

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TS2451

TS-200KLKD06 .../US

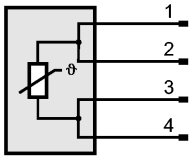
Temperature sensors

Electrical connection

Connection	PTFE cable / 2 m; temperature-resistant up to 250°C, with M12 connector

Wiring





Remarks

Remarks	The values for accuracy apply to flowing water. *) according to DIN EN 60751 **) Für Medientemperaturen < 200°C: Einbaulänge EL = Stablänge L
Pack quantity [piece]	1