TS2051

Temperature cable sensor with process connection

TS-200KCKD10-...../US/

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Alternative articles: TS2069

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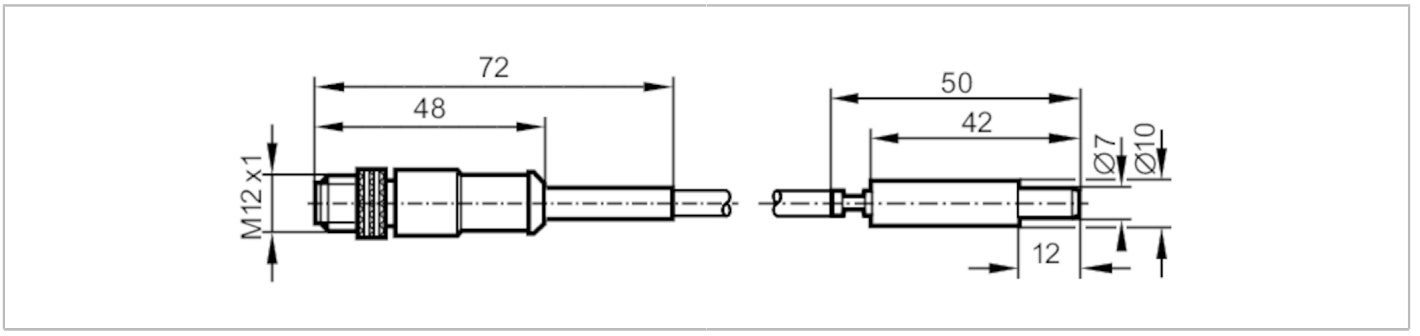

Product characteristics			
Measuring range		-40...150 °C	-40...302 °F
Installation length EL	[mm]	42	
Application			
System		gold-plated contacts	
Measuring element		1 x Pt 1000; (to DIN EN 60751, class B)	
Media		liquids and gases	
Pressure rating	[bar]	160	
Note on pressure rating		for mounting in progressive ring fitting	
Minimum installation depth	[mm]	15	
Electrical data			
Protection class		III	
Measuring/setting range			
Probe length L	[mm]	42	
Measuring range		-40...150 °C	-40...302 °F
Accuracy / deviations			
Accuracy	[K]	± (0,30 K + 0,005 x|t|)	
Reaction times			
Dynamic response T05 / T09	[s]	6 / 25; (according to DIN EN 60751)	
Operating conditions			
Ambient temperature	[°C]	-25...80	
Note on ambient temperature		plug area	
Protection		IP 67	
Mechanical data			
Weight	[g]	113.2	
Dimensions	[mm]	Ø 10	
Material		stainless steel; FKM	
Materials (wetted parts)		stainless steel (1.4404 / 316L)	
Probe diameter	[mm]	10	

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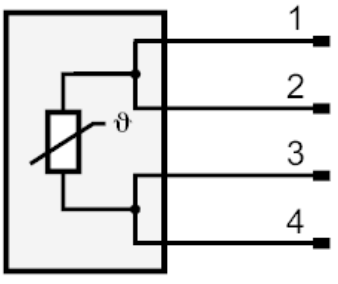
Installation length EL	[mm]	42

Remarks

Remarks	The values for accuracy apply to flowing water.
Pack quantity	1 pcs.

Electrical connection

Cable: 2 m, FKM

Connector: 1 x M12; coding: A; Contacts: gold-plated

Connection