TS5051

Temperature cable sensor with screw-in sensor
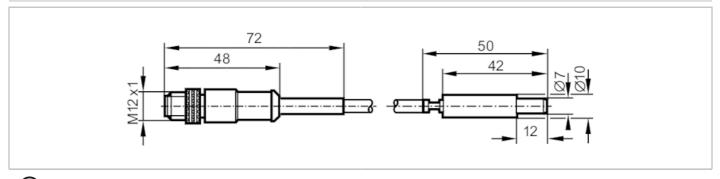
TS-500KCKD10-...../US/

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Alternative articles: TS5089
When selecting an alternative article and accessories please note that technical data may differ!

Product characteristics		
Measuring range	-40...150 °C	-40...302 °F
Application		
Special feature	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		
Measuring range	-40...150 °C	-40...302 °F
Accuracy / deviations		
Accuracy [K]	± (0,30 K + 0,005 x|t|)	
Response times		
Dynamic response T05 / T09 [s]	6 / 25; (to DIN EN 60751)	
Operating conditions		
Ambient temperature [°C]	-25...80	
Note on ambient temperature	plug area	
Protection	IP 67	
Mechanical data		
Weight [g]	233.4	
Dimensions [mm]	Ø 10	
Materials	stainless steel; FKM	
Materials (wetted parts)	stainless steel (316L/1.4404)	
Probe diameter [mm]	10	
Remarks		
Remarks	The values for accuracy apply to flowing water.	

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Pack quantity	1 pcs.

Electrical connection

Cable: 5 m, FKM

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

Connection