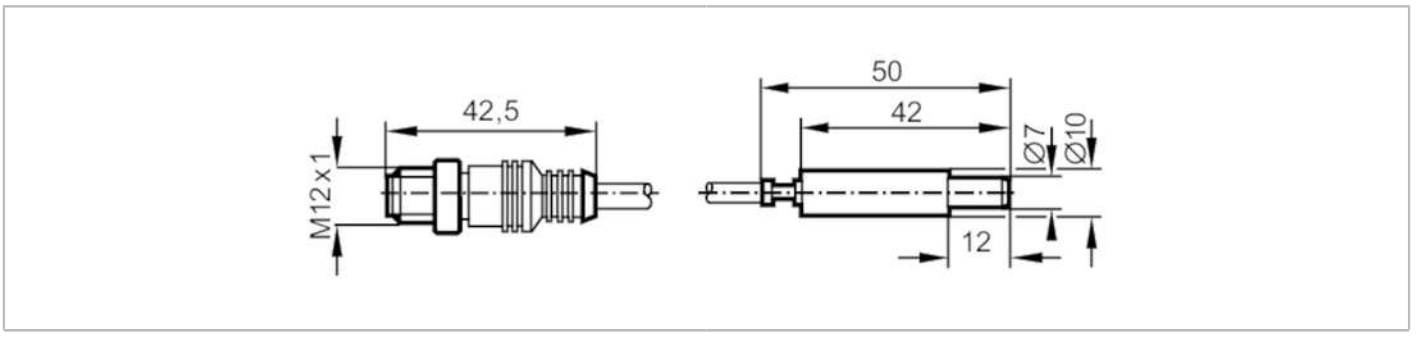
TS2056

Temperature cable sensor with process connection

TS-200KCID10-...../US/



DNV
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Product characteristics			
Measuring range		-50...250 °C	-58...482 °F
Process connection		clamp adapter Ø 10 mm	
Installation length EL	[mm]	42	
Application			
Measuring element		1 x Pt 100; (to DIN EN 60751, class A)	
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		-50...250 °C	-58...482 °F
Note on measuring range		stationary: 280 °C / 536 °F (10000 h)	
Accuracy / deviations			
Accuracy	[K]	± (0,15 K + 0,002 x|t|)	
Response times			
Dynamic response T05 / T09	[s]	12 / 39; (to DIN EN 60751)	
Operating conditions			
Protection		IP 67	
Tests / approvals			
MTTF	[years]	11415.5	
Mechanical data			
Weight	[g]	86.6	
Housing		cylindrical	
Design		measuring probe	
Dimensions	[mm]	Ø 10 / L = 50	
Materials		stainless steel (316L/1.4404); PFA/PTFE	
Materials (wetted parts)		stainless steel (316L/1.4404)	
Process connection		clamp adapter Ø 10 mm	
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, PTFE

Connector: 1 x M12; coding: A



Connection

