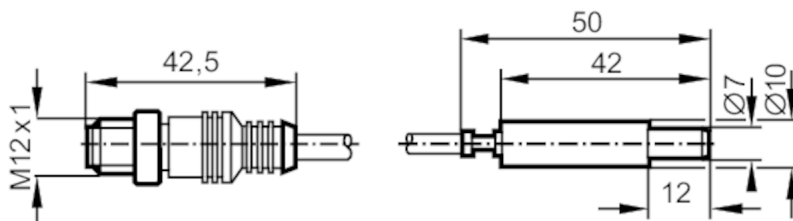


TS2056



Temperature cable sensor with process connection

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



DNV
DNV.COM/AF

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
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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]	$\pm (0,15 K + 0,002 x t)$
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Response times

Dynamic response T05 / T09 [s]	12 / 39; (to DIN EN 60751)
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Operating conditions

Protection	IP 67
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Tests / approvals

MTTF [years]	11415.5
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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
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Remarks

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

Cable: 2 m, PTFE

Connector: 1 x M12; coding: A



Connection

