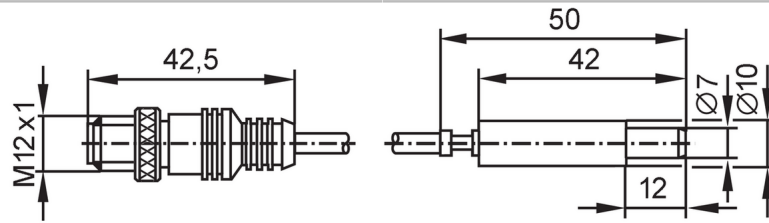


# TS2056



## 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 fitting 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]	± (0,15 K + 0,002 x t )	
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### Reaction times

Dynamic response T05 / T09 [s]	12 / 39; (according 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	tubular	
Design	Measuring probes	
Dimensions [mm]	Ø 10 / L = 50	
Material	stainless steel (1.4404 / 316L); PFA/PTFE	
Materials (wetted parts)	stainless steel (1.4404 / 316L)	
Process connection	Clamp fitting Ø 10 mm	
Probe diameter [mm]	10	
Installation length EL [mm]	42	

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### 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

