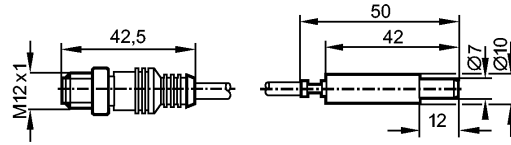




TS-200KCID10-...../US/

Temperature sensors



Product characteristics

Temperature sensor for connection to evaluation units

Ø 10 mm

Cable with connector

Installation length EL: 42 mm

Connection to control monitor TP / TR

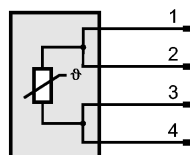
Measuring range: -50...250 °C / -58...482 °F

Measuring element: 1 x Pt 100, to DIN EN 60751, class A

Application

Application	liquids and gases	
Minimum installation depth [mm]	15	
Electrical data		
Connection to control monitor	TP / TR	
Protection class	III	
Measuring / setting range		
Measuring range	-50...250 °C	-58...482 °F
Accuracy / deviations		
Accuracy	± (0.15 K + 0.002 x t)	
Reaction times		
Dynamic response T05 / T09 [s]	12 / 39 *)	
Environment		
Protection	IP 67	
Tests / approvals		
MTTF [Years]	22831	
Mechanical data		
Materials (wetted parts)	stainless steel 316L / 1.4404	
Probe diameter [mm]	10	
Probe length L [mm]	42	
Installation length EL [mm]	42	
Housing materials	stainless steel 316L / 1.4404; PFA/PTFE	
Weight [kg]	0.089	
Electrical connection		
Connection	PTFE cable / 2 m; with M12 connector	

Wiring



Remarks

Remarks

*) according to DIN EN 60751

The values for accuracy apply to flowing water.

Max. measuring range: 280 °C / 536 °F (10000 h / stationary)

Pack quantity

[piece]

1