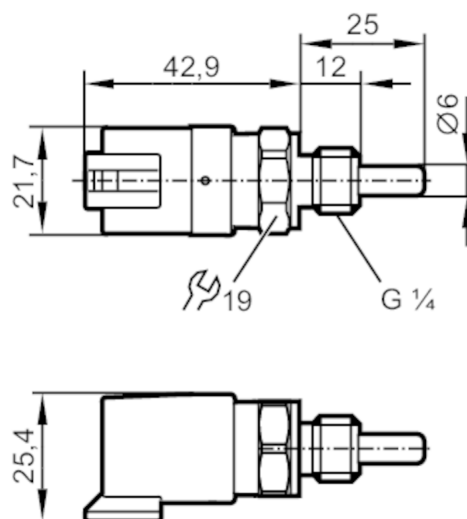




Temperature sensor with process connection

TM-025KCBR14- /DE/



Product characteristics		
Measuring range	-40...150 °C	-40...302 °F
Process connection	threaded connection G 1/4 external thread	
Installation length EL	[mm]	25
Application		
Measuring element	1 x Pt 1000; (to DIN EN 60751, class A)	
Media	liquids and gases	
Pressure rating	[bar]	400
Electrical data		
Protection class	III	
Measuring/setting range		
Probe length L	[mm]	12
Measuring range	-40...150 °C	-40...302 °F
Accuracy / deviations		
Accuracy	[K]	± (0,15 K + 0,002 x t)
Response times		
Dynamic response T05 / T09	[s]	1 / 3; (to DIN EN 60751)
Operating conditions		
Ambient temperature	[°C]	-25...80
Storage temperature	[°C]	-40...100
Protection	IP 68; IP 69K	
Tests / approvals		
Shock resistance	DIN EN 60068-2-27	50 g (11 ms)
Vibration resistance	DIN EN 60068-2-6	20 g (10...2000 Hz)
MTTF	[years]	22831
UL approval	UL Approval no.	K017

TM6101



Temperature sensor with process connection

TM-025KCBR14- /DE/

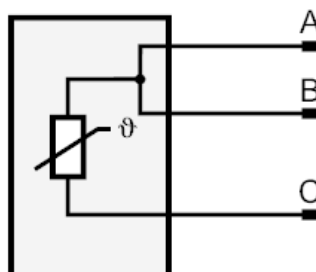
Mechanical data		
Weight	[g]	82
Housing		cylindrical
Dimensions	[mm]	Ø 25.4 / L = 67.9
Materials		stainless steel (316L/1.4404); PPS; FKM
Materials (wetted parts)		stainless steel (316L/1.4404); Gasket: FKM
Process connection		threaded connection G 1/4 external thread
Probe diameter	[mm]	6
Installation length EL	[mm]	25

Accessories	
Items supplied	Gasket

Remarks	
Remarks	operating voltage "supply class 2" according to cULus The values for accuracy apply to flowing water.
Pack quantity	1 pcs.

Electrical connection

Connection



Connector: 1 x DEUTSCH connector (DT04-3P)