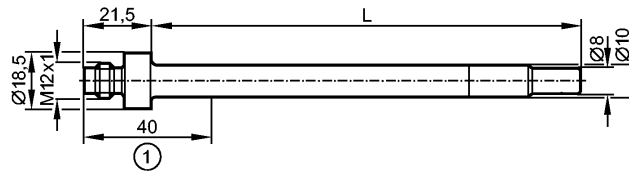


TT3081

TT-300KBBBD10-...../US/ IV

Temperature sensors



1: plug area

Made in Germany

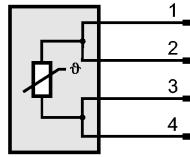


Product characteristics	
Temperature sensor for connection to evaluation units	
Connector	
Installation length: 360 mm	
Gold-plated contacts	
Connection to control monitor TP / TR	
Measuring range: -40...150 °C / -40...302 °F	
Measuring element: 1 x Pt 100, to DIN EN 60751, class A	
Application	
Application	liquids and gases
Minimum installation depth [mm]	15
Electrical data	
Connection to control monitor	TP / TR
Protection class	III
Measuring / setting range	
Measuring range [°C/°F]	-40...150 / -40...302
Accuracy / deviations	
Accuracy	± (0.15 K + 0.002 x t)
Reaction times	
Dynamic response T05 / T09 [s]	1 / 3 *)
Environment	
Pressure rating [bar]	160
Ambient temperature [°C]	-25...80, for the plug area
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: 5 g (10...2000 Hz)
MTTF [Years]	22831
Mechanical data	
Materials (wetted parts)	stainless steel 316L / 1.4404
Probe diameter [mm]	10
Probe length L [mm]	360
Installation length [mm]	360
Housing materials	stainless steel 316L / 1.4404
Weight [kg]	0.1
Electrical connection	
Connection	M12 connector; Gold-plated contacts
Wiring	

TT3081

TT-300KBBD10-...../US/ /V

Temperature sensors



Remarks

Remarks

*) according to DIN EN 60751
The values for accuracy apply to flowing water.
cULus - Class 2 source required

Pack quantity

[piece]

1