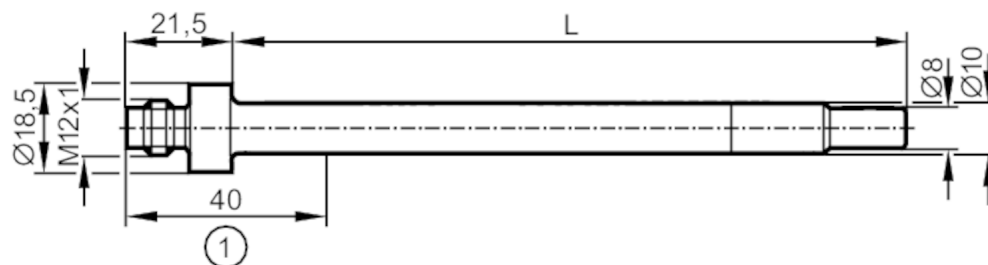




Temperature probe sensor

TT-300KBBD10-...../US/ IV



1 plug area
L = probe length corresponds to installation length EL



Product characteristics		
Measuring range	-40...150 °C	-40...302 °F
Process connection	Ø 10 mm	
Installation length EL	[mm]	360
Application		
Special feature	Gold-plated contacts	
Measuring element	1 x Pt 100; (to DIN EN 60751, class A)	
Media	liquids and gases	
Pressure rating	[bar]	160
Minimum installation depth	[mm]	15
Electrical data		
Protection class	III	
Measuring/setting range		
Probe length L	[mm]	360
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
Note on ambient temperature	plug area	
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	5 g (10...2000 Hz)
MTTF	[ANN]	22831
Mechanical data		
Weight	[g]	100.3
Dimensions	[mm]	Ø 10
Materials	stainless steel (1.4404 / 316L)	

TT3081



Temperature probe sensor

TT-300KBBD10-...../US/ IV

Materials (wetted parts)	stainless steel (1.4404 / 316L)
Process connection	Ø 10 mm
Probe diameter [mm]	10
Installation length EL [mm]	360

Remarks

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

Electrical connection

Connector: 1 x M12; coding: A; Contacts: gold-plated



Connection

