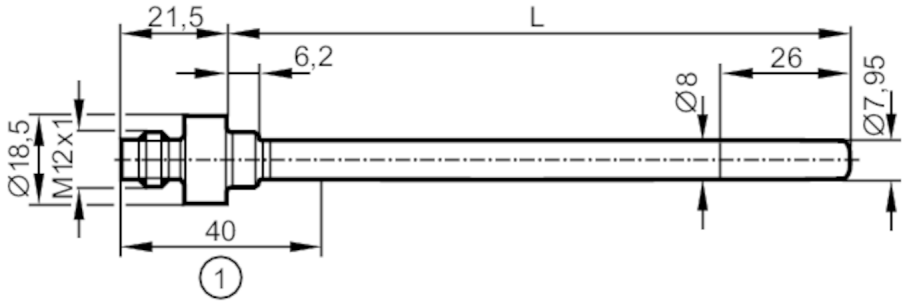
TT1181

Temperature probe sensor

TT-100KBBD08- /US/ /V

Article no longer available - archive entry

Alternative articles: TT1281 or TT1081
When selecting an alternative article and accessories please note that technical data may differ!



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

Product characteristics			
Measuring range		-40...150 °C	-40...302 °F
Installation length EL	[mm]	160	
Application			
System		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]	160	
Measuring range		-40...150 °C	-40...302 °F
Accuracy / deviations			
Accuracy	[K]	± (0,15 K + 0,002 x|t|)	
Reaction times			
Dynamic response T05 / T09	[s]	1 / 3; (according 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	
Mechanical data			
Weight	[g]	0.047	
Dimensions	[mm]	Ø 8	

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Material		stainless steel (1.4404 / 316L)
Materials (wetted parts)		stainless steel (1.4404 / 316L)
Probe diameter	[mm]	8
Installation length EL	[mm]	160

Remarks

Remarks	cULus - Class 2 source required
	The values for accuracy apply to flowing water.
Pack quantity	1 pcs.

Electrical connection

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



Connection

