

TT1150



Temperature probe sensor

TT-100KBBD08- I/US/ IV

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Alternative articles: TT1250 or TT1050

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

Special feature	Gold-plated contacts
Measuring element	1 x Pt 1000; (to DIN EN 60751, class A)
Media	liquids and gases
Pressure rating [bar]	160
Minimum installation depth [mm]	15

Electrical data

Protection class	III
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Measuring/setting range

Probe length L	[mm]	160	
Measuring range		-40...150 °C	-40...302 °F

Accuracy / deviations

Accuracy [K]	$\pm (0,15 K + 0,002 x t)$
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Response times

Dynamic response T05 / T09 [s]	1 / 3; (to DIN EN 60751)
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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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Materials	stainless steel (1.4404 / 316L)
Materials (wetted parts)	stainless steel (1.4404 / 316L)
Probe diameter [mm]	8
Installation length EL [mm]	160

Remarks

Remarks	The values for accuracy apply to flowing water.
Pack quantity	1 pcs.

Electrical connection

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



Connection

