

TT2150



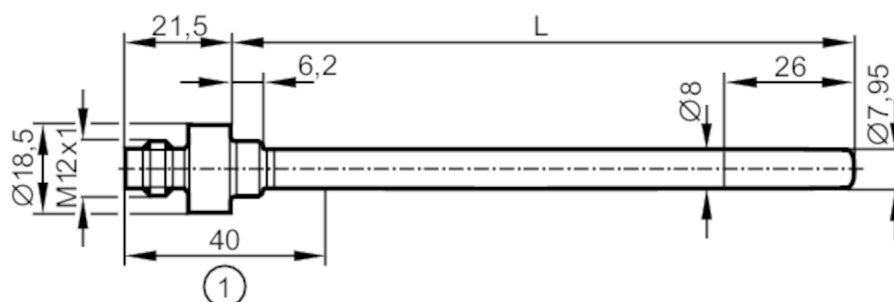
Temperature probe sensor

TT-200KBBD08- /US/ /V

Article no longer available - archive entry

Alternative articles: TT2250 or TT2050

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]	260	

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]	260
Measuring range		-40...150 °C -40...302 °F

Accuracy / deviations

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

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)

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Mechanical data

Weight	[g]	65.4
Dimensions	[mm]	Ø 8
Materials		stainless steel (316L/1.4404)
Materials (wetted parts)		stainless steel (316L/1.4404)
Probe diameter	[mm]	8
Installation length EL	[mm]	260

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

