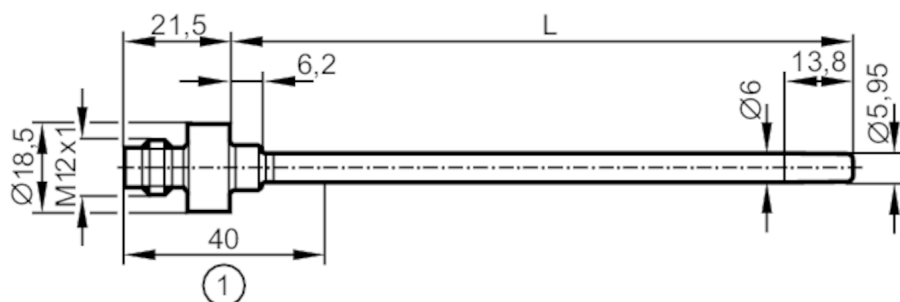


TT2250



Temperature probe sensor

TT-200KBBD06- /US/ /V



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



Application

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)
MTTF [years]	22831	

Mechanical data

Weight	[g]	53
Dimensions	[mm]	Ø 6
Materials		stainless steel (1.4404 / 316L)
Materials (wetted parts)		stainless steel (1.4404 / 316L)
Probe diameter	[mm]	6
Installation length EL	[mm]	260

TT2250



Temperature probe sensor

TT-200KBBD06- I/US/ IV

Remarks

Remarks

The values for accuracy apply to flowing water.

Pack quantity

1 pcs.

Electrical connection

Connector: 1 x M12; Contacts: gold-plated



Connection

