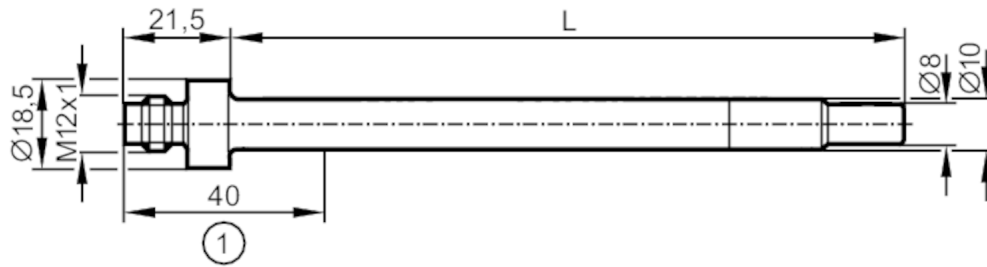


TT1050



Temperature probe sensor

TT-100KBBD10-...../US/



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
Measuring/setting range	
Probe length L [mm]	160
Measuring range	-40...150 °C -40...302 °F
Accuracy / deviations	
Accuracy [K]	$\pm (0,15 K + 0,002 \times t)$
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 10 g (10...2000 Hz)
MTTF [years]	22831
Mechanical data	
Weight [g]	54
Dimensions [mm]	Ø 10
Materials	stainless steel (1.4404 / 316L)
Materials (wetted parts)	stainless steel (1.4404 / 316L)
Probe diameter [mm]	10
Installation length EL [mm]	160

TT1050



Temperature probe sensor

TT-100KBBD10-...../JS/

Remarks

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

Electrical connection

Connector: 1 x M12; Contacts: gold-plated



Connection

