



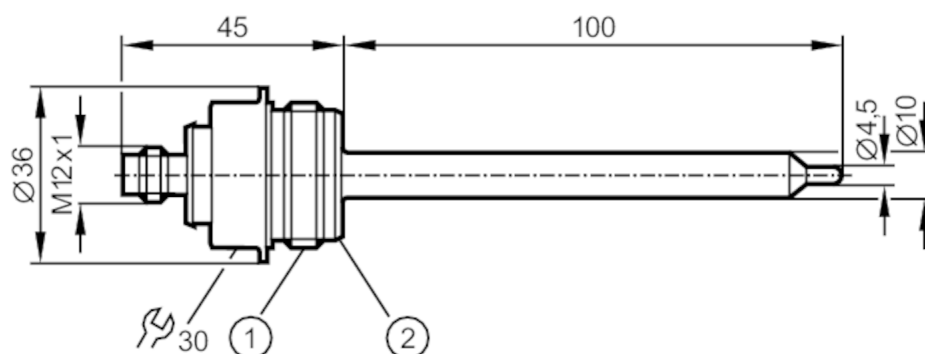
Temperature sensor with process connection

TM-100KCED10- /US/ /V

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Alternative articles: TM4531 + E33403

When selecting an alternative article and accessories please note that technical data may differ!



- 1 Aseptoflex thread
- 2 Aseptoflex sealing edge



EHEDG Certified

Product characteristics

Measuring range	-40...150 °C	-40...302 °F
Process connection	G 1 Aseptoflex Vario	
Installation length EL [mm]	113.8	

Application

Special feature	Gold-plated contacts	
Measuring element	1 x Pt 1000; (to DIN EN 60751, class A)	
Application	hygienic systems	
Media	liquids and gases	
Pressure rating [bar]	50	
Minimum installation depth [mm]	15	

Electrical data

Protection class	III
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Measuring/setting range

Probe length L	[mm]	100
Measuring range	-40...150 °C	-40...302 °F

Accuracy / deviations

Accuracy [K]	± (0,15 K + 0,002 x t)
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Response times

Dynamic response T05 / T09 [s]	5 / 14; (to DIN EN 60751)
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Operating conditions

Ambient temperature [°C]	-25...80
Protection	IP 68; IP 69K

Mechanical data

Weight [g]	0.24
Materials	stainless steel (316L/1.4404)

TM1061



Temperature sensor with process connection

TM-100KCED10- /US/ /V

Materials (wetted parts)	stainless steel (316L/1.4404)
Process connection	G 1 Aseptoflex Vario
Surface characteristics Ra/Rz of the wetted parts	Ra: < 0.6
Probe diameter [mm]	10
Installation length EL [mm]	113.8

Remarks

Remarks	The values for accuracy apply to flowing water. The 3-A qualification is only valid if adapters with 3-A qualification are used for installation. operating voltage "supply class 2" according to cULus
Pack quantity	1 pcs.

Electrical connection

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



Connection

