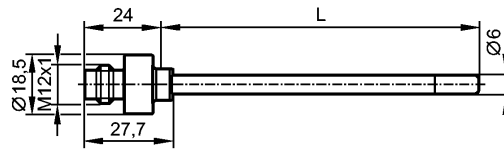


**TT1281**

TT-150KFBD06- /US/

Temperature sensors



L = probe length (corresponds to installation length EL)



**Product characteristics**

Temperature sensor for connection to a control monitor with a max. operating voltage of 32 V
Quick disconnect
Installation length EL: 150 mm
gold-plated contacts
Connection to control monitor TP / TR
Measuring range: -40...150 °C / -40...302 °F
Measuring element: 1 x Pt 100, to DIN EN 60751, class A

**Application**

Application	liquids and gases
Pressure rating [bar]	160
Minimum installation depth [mm]	15

**Electrical data**

Connection to control monitor	TP / TR
Protection class	III

**Measuring / setting range**

Measuring range	-40...150 °C	-40...302 °F
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**Accuracy / deviations**

Accuracy	± (0.15 K + 0.002 x  t )
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**Reaction times**

Dynamic response T05 / T09 [s]	1 / 3 *)
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**Environment**

Ambient temperature [°C]	-25...80
Storage temperature [°C]	-40...100
Protection	IP 68 / IP 69K

**Tests / approvals**

Shock resistance	DIN EN 60068-2-2-27:	50 g (11 ms)
Vibration resistance	DIN EN 60068-2-6	10 g (10...2000 Hz)
MTTF [Years]		22831

**Mechanical data**

Materials (wetted parts)	stainless steel 316L / 1.4404
Probe diameter [mm]	6
Probe length L [mm]	150
Installation length EL [mm]	150
Housing materials	stainless steel 316L / 1.4404
Weight [kg]	0.039

**Electrical connection**

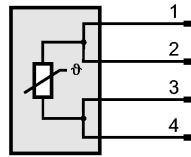
Connection	M12 connector; gold-plated contacts
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## TT1281

TT-150KFBD06- /US/

Temperature sensors

### Wiring



### Remarks

Remarks

cULus - Class 2 source required  
\*) according to DIN EN 60751  
The values for accuracy apply to flowing water.

Pack quantity

[piece]

1