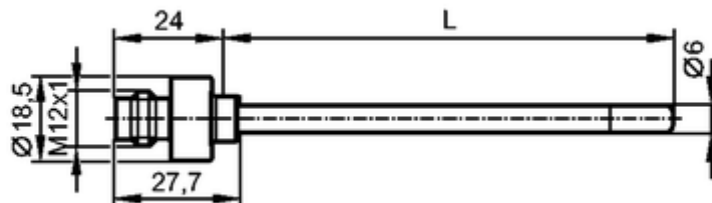


**efector600****TT9281**

TT-050KFBD06- /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: 50 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

**Accuracy / deviations**Accuracy  $\pm (0.15 \text{ K} + 0.002 \times |t|)$ **Reaction times**

Dynamic response T05 / T09 [s] 1 / 3 \*

**Environment**

Ambient temperature [°C] -25...80

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**

Materials (wetted parts) stainless steel 316L / 1.4404

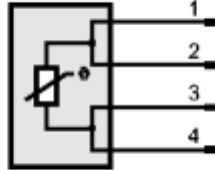
Probe diameter [mm] 6

Probe length L [mm]	50
Installation length EL [mm]	50
Housing materials	stainless steel 316L / 1.4404
Weight [kg]	0.025

#### Electrical connection

Connection	M12 connector; gold-plated contacts
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#### Wiring



#### Remarks

Remarks	cULus - Class 2 source required *) according to DIN EN 60751 The values for accuracy apply to flowing water.
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Pack quantity [piece]	1
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