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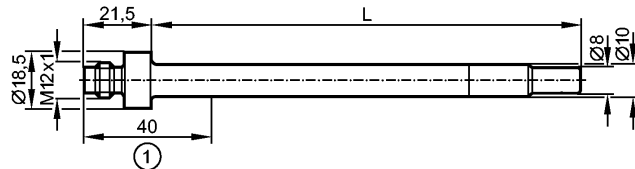
efector 600

TT0061



TT-050KCED10- /US/ /V

Temperature sensors



1: plug area

L = probe length (corresponds to installation length EL)



Product characteristics

Temperature sensor for connection to evaluation units

Quick disconnect

Installation length EL: 110 mm

gold-plated contacts

Connection to control monitor TP / TR

Measuring range: -40...150 °C / -40...302 °F

Measuring element: 1 x Pt 1000, to DIN EN 60751, class A

Application

Application liquids and gases (especially for application in hygienic systems)

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 ± (0.15 K + 0.002 x |t|)

Reaction times

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

Environment

Ambient temperature [°C] -25...80, for the 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

Materials (wetted parts) stainless steel 316L / 1.4404; surface characteristics Ra: < 0.6

Probe diameter [mm] 10

Probe length L [mm] 110

Installation length EL [mm] 110

Housing materials

stainless steel 316L / 1.4404

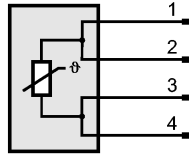
Weight [kg] 0.042

Electrical connection

Connection M12 connector; gold-plated contacts

Wiring

TT0061 - Temperature sensor for connection to evaluation units - eclass: 27200214 / 27-20-02-14



Remarks
Remarks

*) according to DIN EN 60751
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.

Pack quantity [piece]

1

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