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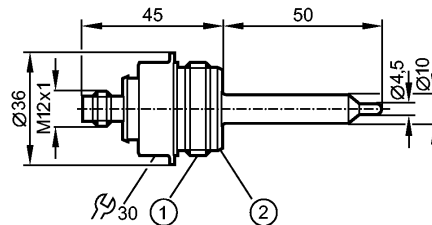
efector 600

TM0061



TM-050KCED10- /US/ /V

Temperature sensors



- 1: Aseptoflex thread
2: Aseptoflex sealing edge



Product characteristics

Temperature sensor for connection to evaluation units

Quick disconnect

Process connection: for Aseptoflex adapter

Installation length EL: 63.8 mm

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] 50

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 $\pm (0.15 K + 0.002 \times |t|)$

Reaction times

Dynamic response T05 / T09 [s] 5 / 14 *)

Environment

Ambient temperature [°C] -25...80

Protection IP 68 / IP 69K

Tests / approvals

MTTF [Years] 22831

Mechanical data

Process connection for Aseptoflex adapter

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

Probe diameter [mm] 10

Probe length L [mm] 50

Installation length EL [mm] 63.8

Housing materials stainless steel 316L / 1.4404

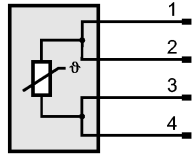
Weight [kg] 0.229

Electrical connection

Connection M12 connector; gold-plated contacts

Wiring

TM0061 - 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.
 cULus - Class 2 source required

Pack quantity	[piece]	1
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