

no longer available - archive entry Alternative article: TM4501+E33403

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

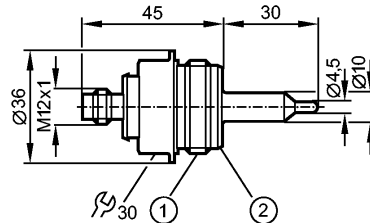
**efector 600**

TM9061



TM-030KCED10- /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: 43.8 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
Storage temperature [°C]	-40...100
Protection	IP 68 / IP 69K

Tests / approvals

MTTF [Years] 22831

Mechanical data

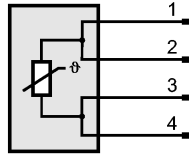
Process connection	for Aseptoflex adapter
Materials (wetted parts)	stainless steel 316L / 1.4404; surface characteristics Ra: < 0.6
Probe diameter [mm]	10
Probe length L [mm]	30
Installation length EL [mm]	43.8
Housing materials	stainless steel 316L / 1.4404
Weight [kg]	0.224

Electrical connection

Connection M12 connector; gold-plated contacts

Wiring

**TM9061 - 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
---------------	---------	---

ifm efector, inc. • 1100 Atwater Drive • Malvern • PA 19355 — We reserve the right to make technical alterations without prior notice. — US — TM9061 — 09.09.2013  
 no longer available - archive entryAlternative article: TM4501+E33403

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