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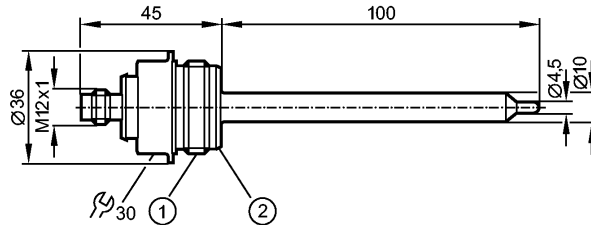
efector 600

TM1061



TM-100KCED10- /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: 113.8 mm

Connection to control monitor TP / TR

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

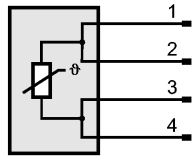
Measuring element: 1 x Pt 1000, to DIN EN 60751, class A

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	± (0.15 K + 0.002 x 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]	100	
Installation length EL [mm]	113.8	
Housing materials	stainless steel 316L / 1.4404	
Weight [kg]	0.24	
Electrical connection		
Connection	M12 connector; gold-plated contacts	

Wiring

TM1061 - 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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