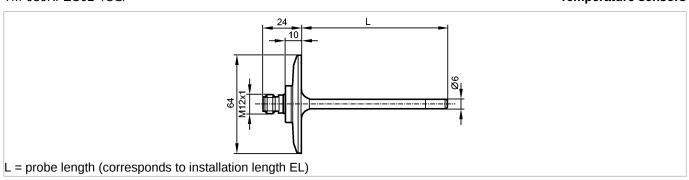
efector600

TM4901

TM-030KFEC02- /US/ **Temperature sensors**







L = probe length (corresponds to installation length EL)						
CUL us EC 1935/2004 EHEDG Certified PM						
Product characteristics						
Temperature sensor for connection to a control monitor with a max. operating voltage of 32 V						
Quick disconnect						
Process connection: Clamp 2"						
Installation length EL: 30 mm						
gold-plated contacts						
Connection to control monitor TP / TR						
Measuring range: -40150 °C / -40302 °F						
Measuring element: 1 x Pt 100, to DIN EN 60751, class A						
Application						
Application		liquids and gases (especially for application in hygienic systems)				
Pressure rating	[bar]	25				
Minimum installation depth	[mm]	15				
Electrical data						
Connection to control monitor		TP / TR				
Protection class		III				

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Pressure rating	[bar]		25	
Minimum installation de	epth [mm]		15	
Electrical data				
Connection to control monitor		TP / TR		
Protection class		III		
Measuring / setting r	ange			
Measuring range		-40150 °C	-40302 °F	
Accuracy / deviations	s			
Accuracy		± (0.15 K + 0.002 x t)	
Reaction times				
Dynamic response	T05 / T09 [s]		1/3*)	
Environment				
Ambient temperature	[°C]		-2580	
Protection			IP 68 / IP 69K	
Tests / approvals				
Shock resistance		DIN EN 60068-2-2-27:	50 g (11 ms)	
Vibration resistance		DIN EN 60068-2-6	10 g (102000 Hz)	
MTTF	[Years]		22831	
Mechanical data				

Mechanical data				
Process connection		Clamp 2"		
Materials (wetted parts)		stainless steel 316L / 1.4404; surface characteristics: Ra < 0.8 / electropolished		
Probe diameter	[mm]	6		
Probe length L	[mm]	30		
Installation length EL	[mm]	30		



TM4901

Pack quantity

TM-030KFEC02- /US/



Temperature sensors

Housing materials		stainless steel 316L / 1.4404	
Weight	[kg]	0.197	
Electrical connection			
Connection		M12 connector; gold-plated contacts	
Wiring			
2			
3 4		1 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
Remarks			
Remarks		cULus - Class 2 source required *) according to DIN EN 60751 The values for accuracy apply to flowing water.	

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[piece]

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