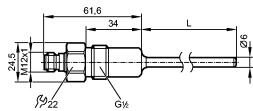
efector600°

TM4541

TM-150KFER12- /US/



Temperature sensors



L = probe length (corresponds to installation length EL)



€ EC 1935/2004 EHEDG Certified

Product characteristics		
Temperature sensor for connection to a control monitor with a max. operating voltage of 32 V		
Quick disconnect		
Process connection: G½ with sealing cone		
Installation length EL: 150 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		

a.a.ag.agaazaa a., .a	Wedsalling range. 40100 07 40002 1				
Measuring element: 1 x Pt 100, to DIN EN 60751, class A					
Application					
Application		liquids and gases			
Pressure rating [ba		; for installation in adapters the indications in the er data sheet shall apply			
Minimum installation depth [mn]	15			
Electrical data					
Connection to control monitor		TP / TR			
Protection class	III				
Measuring / setting range					
Measuring range	-40150 °C	-40302 °F			
Accuracy / deviations					
Accuracy	± ((0.15 K + 0.002 x t)			
Reaction times					
Dynamic response T05 / T09 []	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	5 g (102000 Hz)			

MTTF	[Years]	22831.05
Mechanical data		
Process connection		G½ with sealing cone
Materials (wetted parts)		stainless steel 316L / 1.4404; surface characteristics: Ra < 0.8 / electropolished
Probe diameter	[mm]	6
Probe length L	[mm]	150
Installation length EL	[mm]	150
Housing materials		stainless steel 316L / 1.4404

efector600



Pack quantity

TM-150KFER12- /US/
Temperature sensors



Tightening torque	[Nm]	3050	
Weight	[kg]	0.147	
Electrical connection			
Connection		M12 connector; gold-plated contacts	
Wiring			
3 4	£	1 2 3 4 4	
Remarks			
Remarks		cULus - Class 2 source required	

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[piece]

*) according to DIN EN 60751

The values for accuracy apply to flowing water.