efector600°

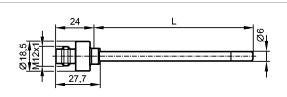
TT2281

Wiring

TT-250KFBD06- /US/



Temperature sensors



L = probe length (corresponds to installation length EL)



LISTED				
Product characteristics				
Temperature sensor for connection to a control monitor with a max. operating voltage of 32 V				
Quick disconnect				
Installation length EL: 250 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		
Pressure rating [b	ar]	160		
Minimum installation depth [m	m]	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)		
		117		
Reaction times				
Dynamic response T05 / T09	[s]	1/3*)		
Dynamic response T05 / T09 Environment		1/3*)		
Dynamic response T05 / T09 Environment Ambient temperature [c	[s]	1 / 3 *) -2580		
Dynamic response T05 / T09 Environment Ambient temperature [contection]		1/3*)		
Dynamic response T05 / T09 Environment Ambient temperature [Section Tests / approvals]	C]	1 / 3 *) -2580 IP 68 / IP 69K		
Dynamic response T05 / T09 Environment Ambient temperature [Section Tests / approvals Shock resistance		1 / 3 *) -2580 IP 68 / IP 69K 50 g (11 ms)		
Dynamic response T05 / T09 Environment Ambient temperature [Section Tests / approvals]	C]	1 / 3 *) -2580 IP 68 / IP 69K		
Dynamic response T05 / T09 Environment Ambient temperature [Section Tests / approvals Shock resistance	DIN EN 60068-2-27 DIN EN 60068-2-6	1 / 3 *) -2580 IP 68 / IP 69K 50 g (11 ms)		
Dynamic response T05 / T09 Environment Ambient temperature [° Protection Tests / approvals Shock resistance Vibration resistance	DIN EN 60068-2-27 DIN EN 60068-2-6	1 / 3 *) -2580 IP 68 / IP 69K 50 g (11 ms) 5 g (102000 Hz)		
Dynamic response T05 / T09 Environment Ambient temperature [content of the content of the cont	DIN EN 60068-2-27 DIN EN 60068-2-6	1 / 3 *) -2580 IP 68 / IP 69K 50 g (11 ms) 5 g (102000 Hz)		
Dynamic response T05 / T09 Environment Ambient temperature [Section Tests / approvals Shock resistance Vibration resistance MTTF [Year Mechanical data Materials (wetted parts) Probe diameter [m. 105 / T09 /	DIN EN 60068-2-27 DIN EN 60068-2-6 rs] stain	1 / 3 *) -2580 IP 68 / IP 69K 50 g (11 ms) 5 g (102000 Hz) 22831 less steel 316L / 1.4404 6		
Dynamic response T05 / T09 Environment Ambient temperature [section Tests / approvals Shock resistance Vibration resistance MTTF [Year Mechanical data Materials (wetted parts) Probe diameter [m. Probe length L. [m. section method)]	DIN EN 60068-2-27 DIN EN 60068-2-6 rs] stain	1 / 3 *) -2580 IP 68 / IP 69K 50 g (11 ms) 5 g (102000 Hz) 22831 less steel 316L / 1.4404		
Dynamic response T05 / T09 Environment Ambient temperature [Section Tests / approvals Shock resistance Vibration resistance MTTF [Year Mechanical data Materials (wetted parts) Probe diameter [m. Probe length L [m. Installation length EL [m. Installation lengt	DIN EN 60068-2-27 DIN EN 60068-2-6 rs] stain m] m]	1 / 3 *) -2580 IP 68 / IP 69K 50 g (11 ms) 5 g (102000 Hz) 22831 less steel 316L / 1.4404 6 250 250		
Dynamic response T05 / T09 Environment Ambient temperature [section	DIN EN 60068-2-27 DIN EN 60068-2-6 rs] stain m] m] m] stain	1 / 3 *) -2580 IP 68 / IP 69K 50 g (11 ms) 5 g (102000 Hz) 22831 less steel 316L / 1.4404 6 250 250 less steel 316L / 1.4404		
Dynamic response T05 / T09 Environment Ambient temperature [Section Tests / approvals Shock resistance Vibration resistance MTTF [Year Mechanical data Materials (wetted parts) Probe diameter [m. Probe length L [m. Installation length EL [m. Installation materials weight [m. Installation materials [m. Installation materials [m. Installation materials]]	DIN EN 60068-2-27 DIN EN 60068-2-6 rs] stain m] m]	1 / 3 *) -2580 IP 68 / IP 69K 50 g (11 ms) 5 g (102000 Hz) 22831 less steel 316L / 1.4404 6 250 250		
Dynamic response T05 / T09 Environment Ambient temperature [section	DIN EN 60068-2-27 DIN EN 60068-2-6 rs] stain m] m] m] stain gg]	1 / 3 *) -2580 IP 68 / IP 69K 50 g (11 ms) 5 g (102000 Hz) 22831 less steel 316L / 1.4404 6 250 250 less steel 316L / 1.4404		

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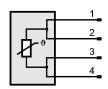
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TT-250KFBD06- /US/



Temperature sensors





Remarks		
Remarks		cULus - Class 2 source required *) according to DIN EN 60751 The values for accuracy apply to flowing water.
Pack quantity	[piece]	1

 $ifm\ efector, inc. \bullet 1100\ Atwater\ Drive\ \bullet\ Malvern\ \bullet\ PA\ 19355\ -\ We\ reserve\ the\ right\ to\ make\ technical\ alterations\ without\ prior\ notice.\ -\ US\ -\ TT2281\ -\ 09.05.2012$