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TT3281

TT-350KFBD06- /US/

TT-350KFBD06- /US/			Temperature sensors	
L = probe length (corres	sponds to insta	llation length EL)		
CULUS EC 1935/2004				
Product characteristic	CS			
Temperature sensor for	connection to	a control monitor with a max. opera	ating voltage of 32 V	
Quick disconnect				
Installation length EL: 3	50 mm			
gold-plated contacts				
Connection to control m	nonitor TP / TR			
Measuring range: -40	150 °C / -403	802 °F		
Measuring element: 1 x	Pt 100, to DIN	EN 60751, class A		
Application				
Application		liquids and gases		
Pressure rating	[bar]		160	
Minimum installation de	epth [mm]		15	
Electrical data				
Connection to control m	nonitor	TP / TR		
Protection class				
Measuring / setting ra	ange			
Measuring / setting ra Measuring range	ange	-40150 °C	-40302 °F	
		-40150 °C	-40302 °F	
Measuring range			-40302 °F 0.15 K + 0.002 x t)	
Measuring range Accuracy / deviations				
Measuring range Accuracy / deviations Accuracy				
Measuring range Accuracy / deviations Accuracy Reaction times	\$		0.15 K + 0.002 x t)	
Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response	\$		0.15 K + 0.002 x t) 1 / 3 *) -2580	
Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response Environment	5 T05 / T09 [s]		0.15 K + 0.002 x t) 1 / 3 *)	
Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response Environment Ambient temperature	5 T05 / T09 [s] [°C]		0.15 K + 0.002 x t) 1 / 3 *) -2580	
Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response Environment Ambient temperature Storage temperature	5 T05 / T09 [s] [°C]		0.15 K + 0.002 x t) 1 / 3 *) -2580 -40100	
Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response Environment Ambient temperature Storage temperature Protection	5 T05 / T09 [s] [°C]		0.15 K + 0.002 x t) 1 / 3 *) -2580 -40100	
Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response Environment Ambient temperature Storage temperature Protection Tests / approvals	5 T05 / T09 [s] [°C]	± ((0.15 K + 0.002 x t) 1 / 3 *) -2580 -40100 IP 68 / IP 69K	
Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response Environment Ambient temperature Storage temperature Protection Tests / approvals Shock resistance	5 T05 / T09 [s] [°C]	± (0	0.15 K + 0.002 x t) 1 / 3 *) -2580 -40100 IP 68 / IP 69K 50 g (11 ms)	
Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response Environment Ambient temperature Storage temperature Protection Tests / approvals Shock resistance Vibration resistance	5 T05 / T09 [s] [°C] [°C]	± (0	0.15 K + 0.002 x t) 1 / 3 *) -2580 -40100 IP 68 / IP 69K 50 g (11 ms) 5 g (102000 Hz)	
Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response Environment Ambient temperature Storage temperature Protection Tests / approvals Shock resistance Vibration resistance MTTF	5 T05 / T09 [s] [°C] [°C]	± ((0.15 K + 0.002 x t) 1 / 3 *) -2580 -40100 IP 68 / IP 69K 50 g (11 ms) 5 g (102000 Hz)	
Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response Environment Ambient temperature Storage temperature Protection Tests / approvals Shock resistance Vibration resistance MTTF Mechanical data	5 T05 / T09 [s] [°C] [°C]	± ((0.15 K + 0.002 x t) 1 / 3 *) -2580 -40100 IP 68 / IP 69K 50 g (11 ms) 5 g (102000 Hz) 22831	
Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response Environment Ambient temperature Storage temperature Protection Tests / approvals Shock resistance Vibration resistance MTTF Mechanical data Materials (wetted parts)	5 T05 / T09 [s] [°C] [°C] [Years]	± ((0.15 K + 0.002 x t) 1 / 3 *) -2580 -40100 IP 68 / IP 69K 50 g (11 ms) 5 g (102000 Hz) 22831 ss steel 316L / 1.4404	
Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response Environment Ambient temperature Storage temperature Protection Tests / approvals Shock resistance Vibration resistance MTTF Mechanical data Materials (wetted parts) Probe diameter	5 T05 / T09 [s] [°C] [°C] [°C]	± ((0.15 K + 0.002 x t) 1 / 3 *) -2580 -40100 IP 68 / IP 69K 50 g (11 ms) 5 g (102000 Hz) 22831 ss steel 316L / 1.4404 6	
Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response Environment Ambient temperature Storage temperature Protection Tests / approvals Shock resistance Vibration resistance MTTF Mechanical data Materials (wetted parts) Probe diameter Probe length L	5 T05 / T09 [s] [°C] [°C] (°C] (°C] (°C]		0.15 K + 0.002 x t) 1 / 3 *) -2580 -40100 IP 68 / IP 69K 50 g (11 ms) 5 g (102000 Hz) 22831 ss steel 316L / 1.4404 6 350	
Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response Environment Ambient temperature Storage temperature Protection Tests / approvals Shock resistance Vibration resistance MTTF Mechanical data Materials (wetted parts) Probe diameter Probe length L Installation length EL Housing materials Weight	5 T05 / T09 [s] [°C] [°C] [°C] [°C] [mm] [mm] [mm] [mm]		0.15 K + 0.002 x t) 1 / 3 *) -2580 -40100 IP 68 / IP 69K 50 g (11 ms) 5 g (102000 Hz) 22831 ss steel 316L / 1.4404 6 350 350	
Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response Environment Ambient temperature Storage temperature Protection Tests / approvals Shock resistance Vibration resistance Wibration resistance MTTF Mechanical data Materials (wetted parts) Probe diameter Probe length L Installation length EL Housing materials	5 T05 / T09 [s] [°C] [°C] [°C] [°C] [mm] [mm] [mm] [mm]	± ((0.15 K + 0.002 x t) 1 / 3 *) -2580 -40100 IP 68 / IP 69K 50 g (11 ms) 5 g (102000 Hz) 22831 ss steel 316L / 1.4404 6 350 350 ss steel 316L / 1.4404	



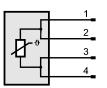
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Wiring





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 — TT3281 — 22.02.2011

