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TT1281

TT-150KFBD06- /US/

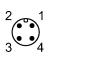
TT-150KFBD06- /US/			Temperature sensors				
L = probe length (correspon	ds to instal	lation length EL)					
c(UL)us EC 1935/2004							
LISTED							
Product characteristics							
Temperature sensor for connection to a control monitor with a max. operating voltage of 32 V							
Quick disconnect							
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							
Application	100, 10 DIN						
Application		liquide and gases					
Pressure rating	[bar]	liquids and gases 160					
Minimum installation depth	[bɑ.]	160					
Electrical data	[]		10				
Connection to control monit	or	TP / TR					
Protection class			III				
Measuring / setting range	<u>,</u>						
Measuring / setting range Measuring range	2	-40150 °C	-40302 °F				
Measuring range	;	-40150 °C	-40302 °F				
	;		-40302 °F 5 K + 0.002 x t)				
Measuring range Accuracy / deviations Accuracy	•						
Measuring range Accuracy / deviations Accuracy Reaction times	5 / T09 [s]						
Measuring range Accuracy / deviations Accuracy Reaction times			5 K + 0.002 x t)				
Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response T05			5 K + 0.002 x t)				
Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response T05 Environment	5 / T09 [s]	± (0.1	5 K + 0.002 x t) 1 / 3 *)				
Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response T05 Environment Ambient temperature	5 / T09 [s]	± (0.1	5 K + 0.002 x t) 1 / 3 *) -2580				
Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response T05 Environment Ambient temperature Protection	5 / T09 [s]	± (0.1	5 K + 0.002 x t) 1 / 3 *) -2580				
Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response T05 Environment Ambient temperature Protection Tests / approvals	5 / T09 [s]	± (0.1	5 K + 0.002 x t) 1 / 3 *) -2580 2 68 / IP 69K 50 g (11 ms)				
Measuring rangeAccuracy / deviationsAccuracyReaction timesDynamic responseT05EnvironmentAmbient temperatureProtectionTests / approvalsShock resistance	5 / T09 [s] [°C]	± (0.11)	5 K + 0.002 x t) 1 / 3 *) -2580 2 68 / IP 69K				
Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response T05 Environment Ambient temperature Protection Tests / approvals Shock resistance Vibration resistance MTTF	5 / T09 [s]	± (0.1)	5 K + 0.002 x t) 1 / 3 *) -2580 9 68 / IP 69K 50 g (11 ms) 10 g (102000 Hz)				
Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response T05 Environment Ambient temperature Protection Tests / approvals Shock resistance Vibration resistance	5 / T09 [s] [°C]	± (0.1)	5 K + 0.002 x t) 1 / 3 *) -2580 9 68 / IP 69K 50 g (11 ms) 10 g (102000 Hz)				
Measuring rangeAccuracy / deviationsAccuracyReaction timesDynamic responseT05EnvironmentAmbient temperatureProtectionTests / approvalsShock resistanceVibration resistanceMTTFMechanical data	5 / T09 [s] [°C]	± (0.1)	5 K + 0.002 x t) 1 / 3 *) -2580 - 68 / IP 69K 50 g (11 ms) 10 g (102000 Hz) 22831				
Measuring rangeAccuracy / deviationsAccuracyReaction timesDynamic responseT05EnvironmentAmbient temperatureProtectionTests / approvalsShock resistanceVibration resistanceMTTFMechanical dataMaterials (wetted parts)	5 / T09 [s] [°C] [Years]	± (0.1)	5 K + 0.002 x t) 1 / 3 *) -2580 9 68 / IP 69K 50 g (11 ms) 10 g (102000 Hz) 22831 steel 316L / 1.4404				
Measuring rangeAccuracy / deviationsAccuracyReaction timesDynamic responseT05EnvironmentAmbient temperatureProtectionTests / approvalsShock resistanceVibration resistanceMTTFMechanical dataMaterials (wetted parts)Probe diameter	5 / T09 [s] [°C] [Years]	± (0.1)	5 K + 0.002 x t) 1 / 3 *) -2580 -2580 50 g (11 ms) 10 g (102000 Hz) 22831 steel 316L / 1.4404 6				
Measuring rangeAccuracy / deviationsAccuracyReaction timesDynamic responseT05EnvironmentAmbient temperatureProtectionTests / approvalsShock resistanceVibration resistanceMTTFMechanical dataMaterials (wetted parts)Probe diameterProbe length L	5 / T09 [s] [°C] [Years] [mm] [mm]	± (0.14	5 K + 0.002 x t) 1 / 3 *) -2580 -2580 50 g (11 ms) 10 g (102000 Hz) 22831 steel 316L / 1.4404 6 150				
Measuring rangeAccuracy / deviationsAccuracyReaction timesDynamic responseT05EnvironmentAmbient temperatureProtectionTests / approvalsShock resistanceVibration resistanceMTTFMechanical dataMaterials (wetted parts)Probe diameterProbe length LInstallation length EL	5 / T09 [s] [°C] [Years] [mm] [mm]	± (0.14	5 K + 0.002 x t) 1 / 3 *) -2580 -2580 50 g (11 ms) 10 g (102000 Hz) 22831 steel 316L / 1.4404 6 150 150 150				
Measuring rangeAccuracy / deviationsAccuracyReaction timesDynamic responseT05EnvironmentAmbient temperatureProtectionTests / approvalsShock resistanceVibration resistanceMTTFMechanical dataMaterials (wetted parts)Probe diameterProbe length LInstallation length ELHousing materials	5 / T09 [s] [°C] [Years] [mm] [mm] [mm]	± (0.14	5 K + 0.002 x t) 1 / 3 *) -2580 -2580 -68 / IP 69K 50 g (11 ms) 10 g (102000 Hz) 22831 steel 316L / 1.4404 6 150 150 steel 316L / 1.4404				
Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response T05 Environment Ambient 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 / T09 [s] [°C] [Years] [mm] [mm] [mm]	± (0.14	5 K + 0.002 x t) 1 / 3 *) -2580 -2580 -68 / IP 69K 50 g (11 ms) 10 g (102000 Hz) 22831 steel 316L / 1.4404 6 150 150 steel 316L / 1.4404				

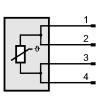
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TT1281

TT-150KFBD06- /US/

Temperature sensors





[piece]

F	Re	ma	ar	ks

Remarks

Pack quantity

cULus - Class 2 source required *) according to DIN EN 60751 The values for accuracy apply to flowing water. 1

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