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TS9789

TS-PT100-SCREW-IN M5/0.5M PUR

			remperata			
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Product characteristics						
Temperature sensor for connection to evaluation units						
Screw-in sensor M5						
Cable with connector						
gold-plated contacts						
Connection to control monitor TP / TR						
Measuring range: -4090 °C / -40194 °F						
Measuring element: 1 x Pt 100, to DIN EN 60751, class A						
Application						
Application		Contact sensor for solid bodies				
Electrical data						
Connection to control monitor			TP / TR			
Protection class			III			
Magazzing Lasting	range					
Measuring / setting						
Measuring range		-4090 °C	-40194 °F			
		-4090 °C	-40194 °F			
Measuring range			-40194 °F (0.15 K + 0.002 x t)			
Measuring range Accuracy / deviation						
Measuring range Accuracy / deviation Accuracy						
Measuring range Accuracy / deviation Accuracy Reaction times	าร		(0.15 K + 0.002 x t)			
Measuring range Accuracy / deviation Accuracy Reaction times Dynamic response	าร		(0.15 K + 0.002 x t)			
Measuring range Accuracy / deviation Accuracy Reaction times Dynamic response Environment	าร		2 (0.15 K + 0.002 x t) 3 / 8 *)			
Measuring range Accuracy / deviation Accuracy Reaction times Dynamic response Environment Protection	าร		2 (0.15 K + 0.002 x t) 3 / 8 *)			
Measuring range Accuracy / deviation Accuracy Reaction times Dynamic response Environment Protection Tests / approvals	าร	±	2 (0.15 K + 0.002 x t) 3 / 8 *) IP 67			
Measuring range Accuracy / deviation Accuracy Reaction times Dynamic response Environment Protection Tests / approvals Shock resistance Vibration resistance	าร	±	(0.15 K + 0.002 x t) 3 / 8 *) IP 67 50 g (11 ms)			
Measuring range Accuracy / deviation Accuracy Reaction times Dynamic response Environment Protection Tests / approvals Shock resistance	าร	± DIN EN 60068-2-27 DIN EN 60068-2-6	(0.15 K + 0.002 x t) 3 / 8 *) IP 67 50 g (11 ms)			
Measuring range Accuracy / deviation Accuracy Reaction times Dynamic response Environment Protection Tests / approvals Shock resistance Vibration resistance Mechanical data	าร	± DIN EN 60068-2-27 DIN EN 60068-2-6	2 (0.15 K + 0.002 x t) 3 / 8 *) IP 67 50 g (11 ms) 10 g (102000 Hz)			
Measuring range Accuracy / deviation Accuracy Reaction times Dynamic response Environment Protection Tests / approvals Shock resistance Vibration resistance Mechanical data Housing materials	าร T05 / T09 [s]	± DIN EN 60068-2-27 DIN EN 60068-2-6	2 (0.15 K + 0.002 x t) 3 / 8 *) IP 67 50 g (11 ms) 10 g (102000 Hz)			
Measuring range Accuracy / deviation Accuracy Reaction times Dynamic response Environment Protection Tests / approvals Shock resistance Vibration resistance Mechanical data Housing materials Tightening torque	1S T05 / T09 [S]	± DIN EN 60068-2-27 DIN EN 60068-2-6	3 / 8 *) IP 67 50 g (11 ms) 10 g (102000 Hz) hless steel 316L / 1.4404			
Measuring range Accuracy / deviation Accuracy Reaction times Dynamic response Environment Protection Tests / approvals Shock resistance Vibration resistance Vibration resistance Mechanical data Housing materials Tightening torque Weight	1S T05 / T09 [S]	 DIN EN 60068-2-27 DIN EN 60068-2-6 	3 / 8 *) IP 67 50 g (11 ms) 10 g (102000 Hz) hless steel 316L / 1.4404			
Measuring range Accuracy / deviation Accuracy Reaction times Dynamic response Environment Protection Tests / approvals Shock resistance Vibration resistance Vibration resistance Mechanical data Housing materials Tightening torque Weight Electrical connectio	1S T05 / T09 [S]	 DIN EN 60068-2-27 DIN EN 60068-2-6 	2 (0.15 K + 0.002 x t) 3 / 8 *) IP 67 50 g (11 ms) 10 g (102000 Hz) Alless steel 316L / 1.4404 0.035			
Measuring range Accuracy / deviation Accuracy Reaction times Dynamic response Environment Protection Tests / approvals Shock resistance Vibration resistance Vibration resistance Mechanical data Housing materials Tightening torque Weight Electrical connection	1S T05 / T09 [S]	 DIN EN 60068-2-27 DIN EN 60068-2-6 	2 (0.15 K + 0.002 x t) 3 / 8 *) IP 67 50 g (11 ms) 10 g (102000 Hz) Alless steel 316L / 1.4404 0.035			
Measuring range Accuracy / deviation Accuracy Reaction times Dynamic response Environment Protection Tests / approvals Shock resistance Vibration resistance Vibration resistance Mechanical data Housing materials Tightening torque Weight Electrical connection	1S T05 / T09 [S]	 DIN EN 60068-2-27 DIN EN 60068-2-6 	2 (0.15 K + 0.002 x t) 3 / 8 *) IP 67 50 g (11 ms) 10 g (102000 Hz) Alless steel 316L / 1.4404 0.035			





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Temperature sensors

Remarks		*) according to DIN EN 60751
Pack quantity	[piece]	1

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