

Temperature Sensor: Cooling and Freezing Applications



Features	• NTC thermistor in molded plastic case • Highly resistant to water and moisture in cooling and freezing application • Customizable sensor design of wire lengths, R/T characteristics, and connectors • Agency recognition: UL /cUL file no. E138827 , VDE file no. 40018581
Applications	Temperature control for refrigeration equipments
Typical Applications	Refrigerator, freezer

1		Features	Φ5×24mm		
		Zero Power Resistance	R20: 19.09KΩ	B0/50	3850K
		Thermal Time Constant	15 sec. (in water)	Power Rating @ 25℃	150mW
		Operation Temp. Range	-40~+85℃	Voltage Proof Test	1800Vac,1sec
2		Features	Φ6×30mm		
		Zero Power Resistance	R25: 10KΩ	B25/80	3975K
		Thermal Time Constant	20 sec. (in water)	Power Rating @ 25℃	150mW
		Operation Temp. Range	-10~+80℃	Voltage Proof Test	1800Vac,1sec

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3		Features	Φ7×25mm		
		Zero Power Resistance	R-20:19.09KΩ	B0/50	3850K
		Thermal Time Constant	25 sec. (in water)	Power Rating @ 25℃	150mW
		Operation Temp. Range	-40~+85℃	Voltage Proof Test	1800Vac,1 sec
4		Features	Φ8×25mm		
		Zero Power Resistance	R-20:72.54KΩ R-5:33.81KΩ R7:19.28KΩ	B0/100	3670K
		Thermal Time Constant	30 sec. (in water)	Power Rating @ 25℃	150mW
		Operation Temp. Range	-20~+105℃	Voltage Proof Test	1800Vac, 3sec