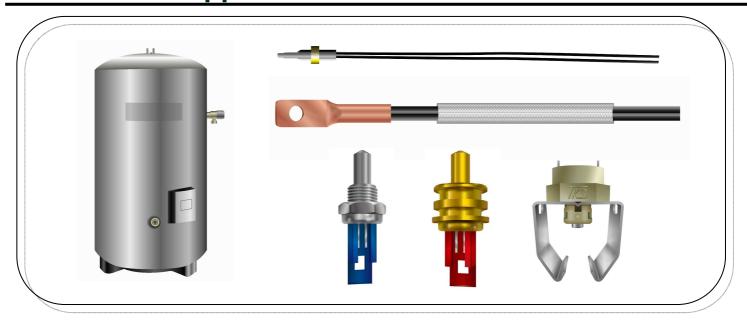
Temperature Sensor: Water Heater Applications





Features	 NTC thermistor potted into a metal case Resistant to higher temperature and humid environments Short thermal response time Customizable sensor design of cable lengths, R/T characteristics, and connectors Agency recognition: UL /cUL file no. E138827, VDE file no. 40018581 (partial parts)
Applications	Water temperature measurement
Typical Applications	Electric water heater, gas water boiler in HVAC or domestic

1		Features	mounted on the pipe to measure fluid temperature		
		Zero Power Resistance	R25:10ΚΩ	B25/85	3975K
	1525±20	Thermal Time Constant	10 sec. (in water)	Power Rating @ 25℃	100mW
		Operation Temp. Range	-40~+105℃	Voltage Proof Test	1250Vac,3 sec
2	3075	Features	mounted on the pipe to measure fluid temperature		
	R3 5000 2 65 7100 25	Zero Power Resistance	R25: 30ΚΩ	B25/85	3900K
	5.7610.5 73.8106.5	Thermal Time Constant	10 sec. (in water)	Power Rating @ 25℃	240mW
	270±25 6.00±0.5 24.00±1 924.00±10	Operation Temp. Range	-40~+105℃	Voltage Proof Test	1250Vac,3sec

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		Features	Screw-on design for easy installation		
3	6±0.5 Ф5±0.25	Zero Power Resistance	R50:16.83~ 18.55KΩ	B25/85	3417K
3	Q4±0.25	Thermal Time Constant	2 sec. (in water)	Power Rating @ 25℃	50mW
		Operation Temp. Range	-40~+105℃	Voltage Proof Test	1250Vac,3sec
	Soldered 341 34102 28545	Features	Sensor can be soaked directly in the water to measure water (liquid) temperature		
4		Zero Power Resistance	R50:3.485ΚΩ	B0/100	3970K
		Thermal Time Constant	2 sec. (in water)	Power Rating @ 25℃	40mW
		Operation Temp. Range	-20~+120℃	Voltage Proof Test	1500Vac,1sec
5	H13 1/8/3 1/8 1/8 1/8 1/8 1/8 1/8 1/8 1/8 1/8 1/8	Features	Sensor can be soaked directly in the water to measure water (liquid) temperature		
		Zero Power Resistance	R25: 10KΩ	B25/85	3435K
		Thermal Time Constant	3 sec. (in water)	Power Rating @ 25℃	45mW
		Operation Temp. Range	-40~+125℃	Voltage Proof Test	2000Vac,2 sec
6	3.356.05 1.72 2.440.05 2.440.05	Features	Sensor can be soaked directly in the water to measure water (liquid) temperature		
		Zero Power Resistance	R25: 10KΩ	B25/85	3435K
	2.60x002	Thermal Time Constant	3 sec. (in water)	Power Rating @ 25℃	40mW
	13 ± 0 . 1 2006EF	Operation Temp. Range	-20~+110℃	Voltage Proof Test	2000Vac,2 sec
	1.0±0.1 20.0±0.3 1.0±0.1 20.0±0.3 1.0±0.1 20.0±0.3 1.0±0.1 20.0±0.1 20.0±0.3 1.0±0.1 20.0±0.3 2	Features	Simple clip design for pipe mounting and easy installation		
7		Zero Power Resistance	R25: 10KΩ	B25/85	3435K
		Thermal Time Constant	2 sec. (in water)	Power Rating @ 25℃	40mW
		Operation Temp. Range	-20~+120℃	Voltage Proof Test	1000Vac, 1 sec