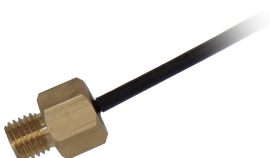
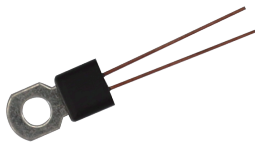


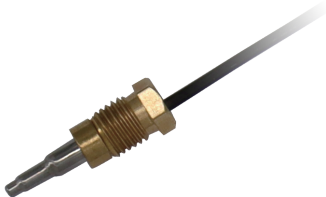
Automotive

Temperature sensor	Applications	Automotive industry
	Use	Engine cylinder
	Operating temperature	-40°C~200°C
	Thermal response time	≤20s
	Withstand voltage	AC 1500V 3s
	Insulation resistance	DC 500V≥100MΩ
	NTC resistance	R100°C=3.3KΩ±2%
	B value	B(25/50)=3950±2%
Temperature sensor	Applications	Automotive industry
	Use	Engine temperature detection
	Operating temperature	-30°C~250°C
	Thermal response time	≤15s
	Withstand voltage	AC 1500V 3s
	Insulation resistance	DC 500V≥100MΩ
	NTC resistance	R200°C=1KΩ±2.5%
	B value	B(100/200)=4537K±2%
Temperature sensor	Applications	Automotive industry
	Use	Refrigerator temperature sensor
	Operating temperature	-40°C~85°C
	Thermal response time	≤15s
	Withstand voltage	AC 1500V 3s
	Insulation resistance	DC 500V≥100MΩ
	NTC resistance	R25°C=10KΩ±1%
	B value	B(25/50)=3950±1%
Temperature sensor	Applications	Automotive industry
	Use	Seat heating
	Operating temperature	-40°C~105°C
	Thermal response time	≤15s
	Withstand voltage	AC 1000V 3s
	Insulation resistance	DC 500V≥100MΩ
	NTC resistance	R25°C=5KΩ±1% R25°C=10KΩ±1%
	B value	B(25/50)=3470±1% B(25/80)=3435±1% B(25/50)=3950±1%

Industry

Temperature sensor	Applications	Industrial equipment
	Use	Cabinet heat sink
	Operating temperature	$-30^{\circ}\text{C}\sim 125^{\circ}\text{C}$
	Thermal response time	$\leq 15\text{s}$
	Withstand voltage	AC 1500V 3s
	Insulation resistance	DC 500V $\geq 100\text{M}\Omega$
	NTC resistance	$R_{25^{\circ}\text{C}}=100\text{K}\Omega\pm 1\%$
	B value	$B(25/50)=3950\pm 1\%$
Temperature sensor	Applications	Industrial equipment
	Use	Fire protection
	Operating temperature	$-30^{\circ}\text{C}\sim 125^{\circ}\text{C}$
	Thermal response time	$\leq 15\text{s}$
	Withstand voltage	AC 1500V 3s
	Insulation resistance	DC 500V $\geq 100\text{M}\Omega$
	NTC resistance	$R_{100^{\circ}\text{C}}=3.3\text{K}\Omega\pm 2\%$
	B value	$B(0/100)=3970\pm 1\%$

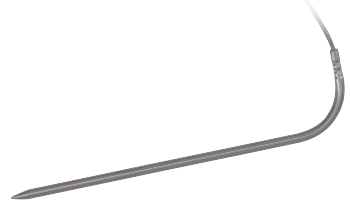
White Goods

Temperature sensor	Applications	Major Appliance
	Use	Wall-hung gas boiler
	Operating temperature	-30°C~125°C
	Thermal response time	≤15s
	Withstand voltage	AC 500V 3s
	Insulation resistance	DC 500V≥100MΩ
	NTC resistance	R25°C=100KΩ±1%
	B value	B (25/50)=3950±1%
Temperature sensor	Applications	Major Appliance
	Use	Refrigerator
	Operating temperature	-40°C~80°C
	Thermal response time	≤15s
	Withstand voltage	AC 1500V 3s
	Insulation resistance	DC 500V≥100MΩ
	NTC resistance	R25°C=5KΩ±1%
	B value	B (25/50)=3470±1%
Temperature sensor	Applications	Major Appliance
	Use	Water heater
	Operating temperature	-40°C~80°C
	Thermal response time	≤15s
	Withstand voltage	AC 1500V 3s
	Insulation resistance	DC 500V≥100MΩ
	NTC resistance	R25°C=50KΩ±1%
	B value	B (25/50)=3950±1%
Temperature sensor	Applications	Major Appliance
	Use	Underfloor heating system
	Operating temperature	-40°C~105°C
	Thermal response time	≤20s
	Withstand voltage	AC 1500V 3s
	Insulation resistance	DC 500V≥100MΩ
	PT resistance	R0°C=1000Ω (classA)
	TCR	3850 ppm/K

Low Temperature Kitchen Appliances

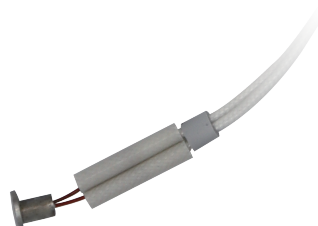
Temperature sensor	Applications	Kitchen appliances
	Use	Rice cooker
	Operating temperature	-30°C~125°C
	Thermal response time	≤15s
	Withstand voltage	AC 1500V 3s
	Insulation resistance	DC 500V ≥100MΩ
	NTC resistance	R85=5.91KΩ ±3%
	B value	B(25/85)=3820 ±2%

High Temperature Kitchen Appliances

Temperature sensor	Applications	Kitchen appliances
	Use	Grill meat probe
	Operating temperature	-30°C~250°C
	Thermal response time	≤15s
	Withstand voltage	AC 1500V 3s
	Insulation resistance	DC 500V≥100MΩ
	NTC resistance	R200°C=1KΩ±2.5%
	B value	B(100/200)=4537±2%
Temperature sensor	Applications	Kitchen appliances
	Use	Grill meat probe
	Operating temperature	-30°C~250°C
	Thermal response time	≤15s
	Withstand voltage	AC 1500V 3s
	Insulation resistance	DC 500V≥100MΩ
	NTC resistance	R200°C=1KΩ±2.5%
	B value	B(100/200)=4537±2%
Temperature sensor	Applications	Kitchen appliances
	Use	Grill machine
	Operating temperature	-30°C~250°C
	Thermal response time	≤60s
	Withstand voltage	AC 1500V 3s
	Insulation resistance	DC 500V≥100MΩ
	NTC resistance	R200°C=1KΩ±2.5%
	B value	B(100/200)=4537±2%
Temperature sensor	Applications	Kitchen appliances
	Use	Oven
	Operating temperature	-30°C~250°C
	Thermal response time	≤15s
	Withstand voltage	AC 1500V 3s
	Insulation resistance	DC 500V≥100MΩ
	NTC resistance	R200°C=1KΩ±2.5%
	B value	B(100/200)=4537±2%

Temperature sensor	Applications	Kitchen appliances
	Use	Air fryer
	Operating temperature	-30°C~250°C
	Thermal response time	≤15s
	Withstand voltage	AC 1500V 3s
	Insulation resistance	DC 500V ≥100MΩ
	NTC resistance	R200°C=1KΩ ±2.5%
	B value	B(100/200)=4537 ±2%

Small Home Appliances

Temperature sensor	Applications	Small home appliances
	Use	Induction cooker
	Operating temperature	-30°C~150°C
	Thermal response time	≤15s
	Withstand voltage	AC 1500V 3s
	Insulation resistance	DC 500V 100MΩ
	NTC resistance	R100°C=3.3KΩ±2.5%
	B value	B(0/100)=3970±2%
Temperature sensor	Applications	Small home appliances
	Use	Coffee machine
	Operating temperature	-30°C~150°C
	Thermal response time	≤15s
	Withstand voltage	AC 1200V 3s
	Insulation resistance	DC 500V 100MΩ
	NTC resistance	R100°C=3.3KΩ±2.5%
	B value	B(0/100)=3970±2%
Temperature sensor	Applications	Small home appliances
	Use	Electric kettle
	Operating temperature	-30°C~150°C
	Thermal response time	≤15s
	Withstand voltage	AC 1500V 3s
	Insulation resistance	DC500V 100MΩ
	NTC resistance	R100°C=6.71KΩ±2%
	B value	B(25/50)=3950±1%
Temperature sensor	Applications	Small home appliances
	Use	Hot water dispenser
	Operating temperature	-30°C~150°C
	Thermal response time	≤15s
	Withstand voltage	AC 1800V 3s
	Insulation resistance	DC500V 100MΩ
	NTC resistance	R100°C=6.71KΩ±2%
	B value	B(25/50)=3950±1%