

590-33BQ01-103

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500 Series surface temperature probe, NTC, 10,000 Ohm, $\pm 0.1\text{ }^{\circ}\text{C}$ [0.18 $^{\circ}\text{F}$] tolerance, 0 $^{\circ}\text{C}$ to 70 $^{\circ}\text{C}$ [32 $^{\circ}\text{F}$ to 158 $^{\circ}\text{F}$] accuracy, aluminum, threaded body (M5x0.8 6 g), lead wires/Molex 50-57-9402, 28 gauge Teflon insulation, 305 mm [12 in]

Actual product
appearance may vary.

Product Specifications

Thermistor Type	NTC
Temperature Sensing Type	Surface
Resistance	10,000 Ohm
Tolerance	$\pm 1.0\text{ }^{\circ}\text{C}$ [1.8 $^{\circ}\text{F}$]
Accuracy	0 $^{\circ}\text{C}$ to 70 $^{\circ}\text{C}$ [32 $^{\circ}\text{F}$ to 158 $^{\circ}\text{F}$]
BETA (25/85)	3974
R-T Curve	16
Operating Temperature	-60 $^{\circ}\text{C}$ to 125 $^{\circ}\text{C}$ [-76 $^{\circ}\text{F}$ to 257 $^{\circ}\text{F}$]
Housing Material	Aluminum
Mounting Method/Mechanical Interface	Threaded body (M5x0.8 6 g)
Electrical Interface/Connector Type	Lead wires/Molex 50-57-9402
Lead Material	28 Gauge Teflon insulation
Lead Length	305 mm [12 in]
Time Constant on Metal Surface	3.0 s
Dissipation Constant on Metal Surface	10 mW/ $^{\circ}\text{C}$
Availability	Global
Series Name	500