

590-33AA38-103

([Home](#) : [Products](#) : [Sensors](#) : [Temperature Sensors](#) : [Packaged Temperature Probes](#) : [500](#))



500 Series surface temperature probe, NTC, 10,000 Ohm, $\pm 0,05\text{ }^{\circ}\text{C}$ [0.09 $^{\circ}\text{F}$] tolerance, 37 $^{\circ}\text{C}$ [99 $^{\circ}\text{F}$] accuracy, aluminum, threaded body (8-32 UNC-2A), flying leads (two), 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	$\pm 0,05\text{ }^{\circ}\text{C}$ [0.09 $^{\circ}\text{F}$]
Accuracy	37 $^{\circ}\text{C}$ [99 $^{\circ}\text{F}$]
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 (8-32 UNC-2A)
Electrical Interface/Connector Type	Flying leads (two)
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	6 mW/ $^{\circ}\text{C}$
Availability	Global
Series Name	500