

590-32AC36-103

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500 Series surface temperature probe, NTC, 10,000 Ohm, $\pm 0,2\text{ }^{\circ}\text{C}$ [0.36 $^{\circ}\text{F}$] tolerance, 32 $^{\circ}\text{C}$ to 42 $^{\circ}\text{C}$ [90 $^{\circ}\text{F}$ to 108 $^{\circ}\text{F}$] accuracy, aluminum, ring tongue (#5), flying leads (two), 24 gauge Teflon insulation, 330 mm [13 in]

Actual product
appearance may vary.

Product Specifications

Thermistor Type	NTC
Temperature Sensing Type	Surface
Resistance	10,000 Ohm
Tolerance	$\pm 0,2\text{ }^{\circ}\text{C}$ [0.36 $^{\circ}\text{F}$]
Accuracy	32 $^{\circ}\text{C}$ to 42 $^{\circ}\text{C}$ [90 $^{\circ}\text{F}$ to 108 $^{\circ}\text{F}$]
BETA (25/85)	3974
R-T Curve	16
Operating Temperature	-60 $^{\circ}\text{C}$ to 150 $^{\circ}\text{C}$ [-76 $^{\circ}\text{F}$ to 302 $^{\circ}\text{F}$]
Housing Material	Aluminum
Mounting Method/Mechanical Interface	Ring tongue (#5)
Electrical Interface/Connector Type	Flying leads (two)
Lead Material	24 Gauge Teflon insulation
Lead Length	330 mm [13 in]
Time Constant on Metal Surface	2.0 s
Dissipation Constant on Metal Surface	10 mW/ $^{\circ}\text{C}$
Availability	Global
Series Name	500

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