

590-32AD11-303

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



500 Series surface temperature probe, NTC, 30,000 Ohm, $\pm 0,05\text{ }^{\circ}\text{C}$ [0.09 $^{\circ}\text{F}$] tolerance, 32 $^{\circ}\text{C}$ to 42 $^{\circ}\text{C}$ [90 $^{\circ}\text{F}$ to 108 $^{\circ}\text{F}$] accuracy, aluminum, ring tongue (#6), flying leads (two), 28 gauge Teflon insulation, 508 mm [20 in]

Actual product appearance may vary.

Product Specifications

Thermistor Type	NTC
Temperature Sensing Type	Surface
Resistance	30,000 Ohm
Tolerance	$\pm 0,05\text{ }^{\circ}\text{C}$ [0.09 $^{\circ}\text{F}$]
Accuracy	32 $^{\circ}\text{C}$ to 42 $^{\circ}\text{C}$ [90 $^{\circ}\text{F}$ to 108 $^{\circ}\text{F}$]
BETA (25/85)	3943
R-T Curve	18
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 (#6)
Electrical Interface/Connector Type	Flying leads (two)
Lead Material	28 Gauge Teflon insulation
Lead Length	508 mm [20 in]
Time Constant on Metal Surface	2.0 s
Dissipation Constant on Metal Surface	5,2 mW/ $^{\circ}\text{C}$
Availability	Global
Series Name	500