

590-32BP01-203

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



500 Series surface temperature probe, NTC, 20,000 Ohm, $\pm 0,2\text{ }^{\circ}\text{C}$ [0.36 $^{\circ}\text{F}$] tolerance, 0 $^{\circ}\text{C}$ to 70 $^{\circ}\text{C}$ [32 $^{\circ}\text{F}$ to 158 $^{\circ}\text{F}$] accuracy, tin-plated copper, ring tongue (#10), flying leads (two), 22 gauge PVC insulation, 914 mm [36 in]

Actual product
appearance may vary.

Product Specifications

Thermistor Type	NTC
Temperature Sensing Type	Surface
Resistance	20,000 Ohm
Tolerance	$\pm 0,2\text{ }^{\circ}\text{C}$ [0.36 $^{\circ}\text{F}$]
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	-40 $^{\circ}\text{C}$ to 125 $^{\circ}\text{C}$ [-40 $^{\circ}\text{F}$ to 257 $^{\circ}\text{F}$]
Housing Material	Tin-plated copper
Mounting Method/Mechanical Interface	Ring tongue (#10)
Electrical Interface/Connector Type	Flying leads (two)
Lead Material	22 Gauge PVC insulation
Lead Length	914 mm [36 in]
Time Constant on Metal Surface	3.0 s
Dissipation Constant on Metal Surface	20 mW/ $^{\circ}\text{C}$
Availability	Global
Series Name	500