

Honeywell Sensing and Control

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535-32AA35-103 Packaged Temperature Probes

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Actual product appearance may vary.

500 Series surface temperature probe, NTC, 10,000 Ohm, $\pm 5.0\%$ tolerance, 25 °C [77 °F] accuracy, nickel-plated copper, ring tongue (#10), lead wires/AMP 172157-1, 22 gauge Teflon insulation, 102 mm [4 in]

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Product Specifications

Thermistor Type	NTC
Temperature Sensing Type	Surface
Resistance	10,000 Ohm
Tolerance	$\pm 5.0\%$
Accuracy	25 °C [77 °F]
BETA (25/85)	3974
R-T Curve	16
Operating Temperature	-60 °C to 150 °C [-76 °F to 302 °F]
Housing Material	Nickel-plated copper
Mounting Method/Mechanical Interface	Ring tongue (#10)
Electrical Interface/Connector Type	Lead wires/AMP 172157-1
Lead Material	22 Gauge Teflon insulation
Lead Length	102 mm [4 in]
Time Constant on Metal Surface	4.0 s
Dissipation Constant on Metal Surface	20 mW/°C
Availability	Global
Series Name	500