



Home> Products > Packaged Temperature Probes> 500 > Product Page

590-32AD11-303



Actual product appearance may vary.

500 Series surface temperature probe

Features

Wide selection of housing options
Choice of custom or existing designs
Operating temperature range design available from -60 °C to 300 °C [-76 °F to 572 °F]

Potential Applications

- Automotive
- White goods
- Communications
- Medical
- Fire detection
- Computers
- Instrumentation test equipment
- Microwave oven probes
- Bulk freight refrigeration
- Digital thermometers
- Drinking and vending machines
- Military
- Aerospace

Description

The 500 Series Probes represents a full range of thermistor and RTDbased temperature sensors. These assemblies have been designed for use in specific applications. Housings may accommodate air/gas, immersion or surface sensing requirements. Housing material ranges from all plastic to all metal. In addition to custom configurations, the customer may also choose from a variety of existing designs.

Supporting Documentation

None Available

Product Specifications	
Thermistor Type	NTC
Temperature Sensing Type	Surface
Nominal Resistance at 25 °C [77 °F]	30,000 Ohm
Tolerance	± 0.05 °C [0.09 °F]
Accuracy	32 °C to 42 °C [90 °F to 108 °F]
R- T Curve	18
Operating Temperature Range	- 60 °C to 150 °C [- 76 °F to 302 °F]
Housing Material	Aluminum
Mechanical Interface	Side mounted terminal
Electrical Interface	Two flying leads
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/°C
Availability	Global
Series Name	500

My Links

- Login to iCOM
- Login as Rep/AD
- Login as Guest
- Login to Digital University

Keyword Search

Search for product and support information.

All Sensing and Control

Product Search

Part number search:

Use (*) to expand search

Specification Search