THERMOMETRICS
A COMMITMENT TO EXCELLENCE
AN AMPHENOL COMPANY

NTC Type JI/JIC Waterproof IP68 Temperature Sensor

Overmolded NTC Thermistor



NTC Type JI



NTC Type JIC

Type JI: The NTC thermistor is molded onto a flexible circular cable. The tip and outer cable insulation material is thermoplastic elastomer rubber. The tinned copper conductors have individual polypropylene insulation.

Type JIC: The NTC thermistor is molded onto a flexible circular cable housed in stainless steel. The tip and outer cable insulation material is thermoplastic elastomer rubber. The tinned copper conductors have individual polypropylene insulation.

Features

- Waterproof to IP68
- Withstands freeze/thaw cycling
- Range of wire lengths 300 mm to 5000 mm (11.8 in to 16.4 ft)
- Halogen-free cable
- Sensor tip and extension cable molded together as one hot vulcanised unit
- RoHS compliant

Applications

- Ventilation
- Refrigeration
- Heat pumps
- Water heaters
- Weather stations
- Outdoor temperature measurement
- Under-floor heating
- Fish tanks
- Evaporators

Options

- Other resistance - temperature characteristics
- Other wire lengths
- Other housing lengths

Amphenol
Sensors