NTC Type JB
Oven Sensor

Description
Glass-encapsulated thermistor housed in a stainless steel probe body with PTFE leadout wires, terminated with a connector assembly.

Features
- Continuous operation up to 392°F (200°C), excursions to 428°F (220°C)
- Insulation resistance >100 MΩ at 500 VDC
- Accurate temperature measurement
- Corrosion-resistant stainless steel housing
- Available using any device in the Thermometrics standard DK range
- Typical applications include domestic ovens and combination microwave ovens
Type JB Specifications

General

Temperature Range
14°F to 392°F (-10°C to 200°C)

Insulation Resistance
>100 MΩ at 500 VDC

Wire Conductors
Nickel-plated copper 7 mm x 0.1 mm diameter or approximately 28 AWG

Wire Insulation
PTFE, white

Connector
Lumberg 2.5MBC2 (or equivalent)

Probe Material
303 stainless steel

Resistance
Temperature characteristics, refer to DK data sheet

Options

- Other resistance—temperature characteristics
- Other connector types

Coding

Resistance/tolerance are specified in the product code (e.g. JBF104R2):

<table>
<thead>
<tr>
<th>Example</th>
<th>Description</th>
<th>Standard Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>JB</td>
<td>Sensor style</td>
<td></td>
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<tr>
<td>F104R2</td>
<td>Code of DK sensing element (e.g. DKF104R2)</td>
<td>See DK data sheet</td>
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</tbody>
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NTC Type JB dimensions