



T H E R M O M E T R I C S
A C O M M I T M E N T T O E X C E L L E N C E

NTC Type JD

Thermometrics Fast Response Sensor



Applications

- Typical applications include electric showers and other water appliances/systems where fast , accurate control is required

Features

- Fast response time down to 140ms
- Voltage isolation up to 1500 VAC
- Accurate temperature measurement
- Water resistant
- Metal housing (brass, copper, stainless steel)
- Typical applications include electric showers and other water appliances/systems where fast , accurate control is required

Amphenol
Advanced Sensors

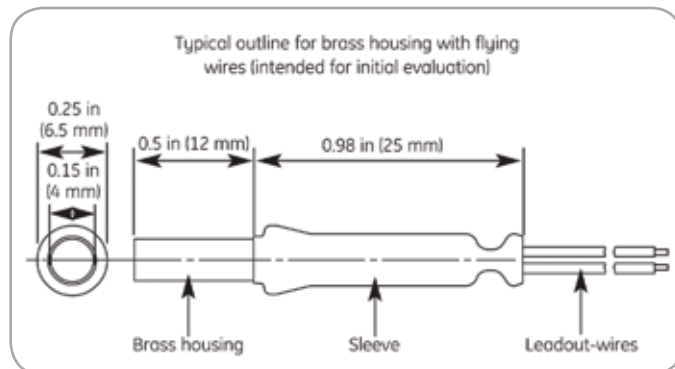
Type JD Specifications

Description

NTC thermistor assembly in a metal housing with flying wires.

Options

- Flying wires with connector terminations
- Housing with integral terminals
- Other resistance—temperature characteristics
- Custom design



NTC Type JD dimensions are nominal

Data

- Temperature range: 23°F to 302°F (-5°C to +150°C)
- R25: 10 kΩ ±5%
- B 25/85: 3960 k ±1%

Typical response time as a function of insulation voltage and housing material:

Insulation voltage VAC	Typical response time ms		
	Brass	Copper	Stainless steel
500	150	140	~200
1500	170	160	~200