

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 JL

Thermometrics Thermistor
in Aluminum Housing with
PVC Wires



Features

- Resistant to moisture ingress
- Withstands immersion in water at 176°F (80°C) for >1200 hours while powered with 7.5 VDC via 10 k Ω resistor without deterioration
- Available using any device in the Thermometrics standard DK range
- Range of wire lengths 9.84 in to 196.84 in (250 mm to 5000 mm) (dimension WL in diagram on next page)
- Suitable for use in air conditioning evaporators to prevent inefficiency due to icing

Amphenol
Advanced Sensors

Type JL Specifications

Description

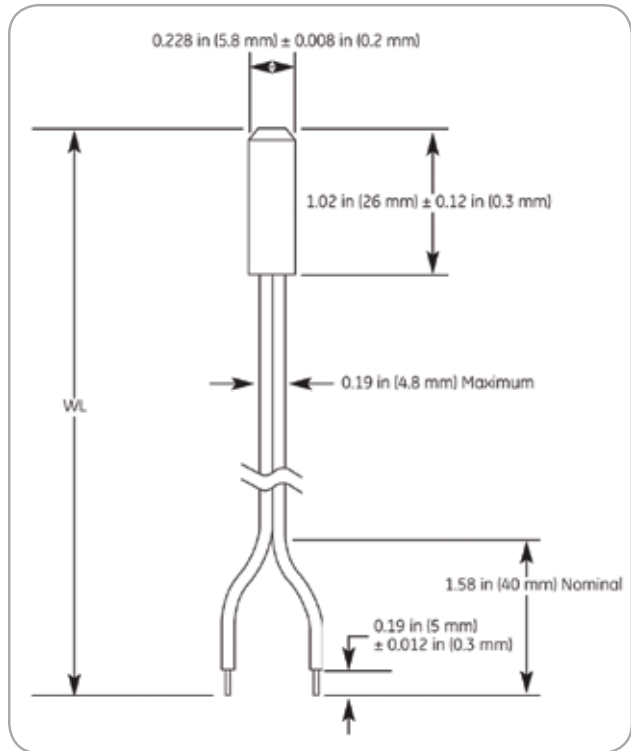
Glass-encapsulated thermistor in an aluminum housing, resin-filled for robustness and bonded to 'figure-of-8' PVC leadout wires.

Data

- Temperature range: 23°F to 302°F (-5°C to 150°C)
- Insulation resistance: >100 MΩ @ 500 VDC
- Wire conductors: 7 x 0.3 mm diameter (0.5 mm²)
- Wire insulation: Automotive Grade PVC
- Resistance—temperature characteristics: Refer to DK data sheet

Options

- Other resistance - temperature characteristics
- Other wire types



NTC Type JL dimensions

Ordering Information

The code number to be ordered may be specified as follows:

Code	Type
JL	Thermistor In Aluminum Housing With PVC Wires
	Code Type
	F103R2 DKF103R2 (Code of DK sensing element)
	Code Pipe Diameter Range in mm
	L251 250 ± 10
	L501 500 ± 10
	L751 750 ± 20
	L102 1000 ± 20
	L152 1500 ± 25
	L202 2000 ± 25
	L252 2500 ± 50
	L302 3000 ± 50
	L352 3500 ± 50
	L402 4000 ± 50
	L452 4500 ± 50
	L502 5000 ± 50
JL	- ____ - ____ Typical model number

Resistance and wire length are specified by the product code: e.g. JLF103R2L251