



NTC THERMISTORS: TYPE JL

THERMISTOR IN ALUMINIUM HOUSING WITH PVC WIRES

DESCRIPTION:

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

FEATURES:

- Resistant to moisture ingress
- Withstands immersion in water at 80°C for >1200 hours whilst powered with 7.5V d.c. via 10kohm resistor without deterioration
- Available using any device in the Thermometrics standard DK range
- Range of wire lengths 250 to 5000mm (dimension WL in diagram right)
- Suitable for use in air conditioning evaporators to prevent inefficiency due to icing

OPTIONS:

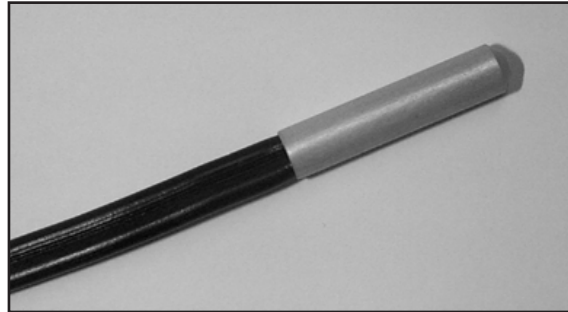
- Other resistance - temperature characteristics
- Other wire types

CODING:

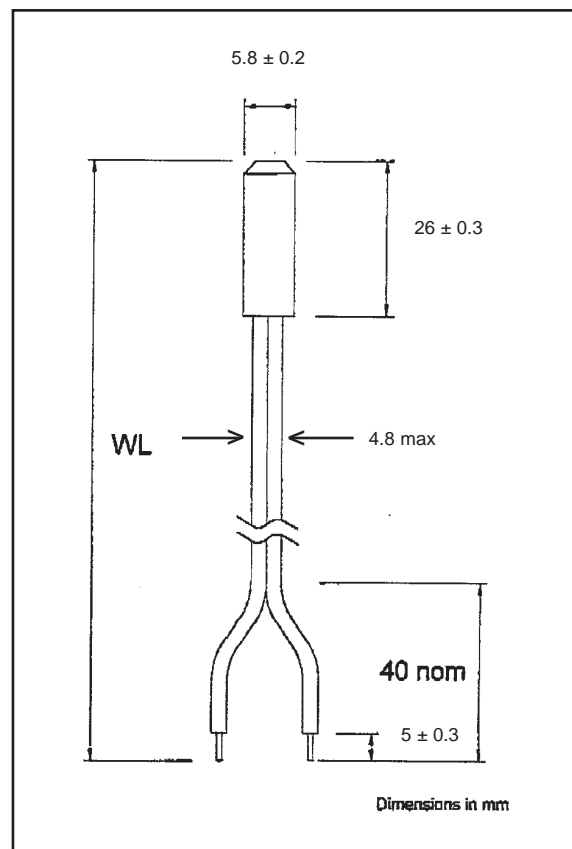
Resistance and wire length are specified by the product code:

e.g. **JLF103R2L251**

Example	Description	Standard values	
JL	Sensor style		
F103R2	Code of DK sensing element e.g. DKF103R2	See DK data sheet	
L251	Wire length WL 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



DIMENSIONS:



DATA:

Temperature range.....-5 to +105°C

Insulation resistance>100MΩ @ 500V d.c.

Wire conductors.....7x.3mm dia (0.5mm²)

Wire insulation.....Automotive Grade PVC

Resistance - temperature characteristics

.....Refer to DK data sheet