



# THERMOCOUPLES: TYPE JTCM J

## TYPE J WITH COMPENSATED STANDARD CONNECTOR

### DESCRIPTION:

Thermocouple with moulded-on compensated standard male connector.

### FEATURES:

- Robust construction
- Low cost
- Typical applications include industrial machinery

### DATA:

**Sensing element** ..... Single element thermocouple type J according to IEC584 class 2 ..... (ASTM E 230)

**Maximum temperature** ..... 600 °C (sensor) ..... 120°C (connector)

**Construction** .... Densely packed MgO insulation ..... Ungrounded hot junction

**Minimum bending radius** ..... 3 x d

**Sheath material** ..... AISI 304 SS

**Diameter d** ..... 2 or 3mm

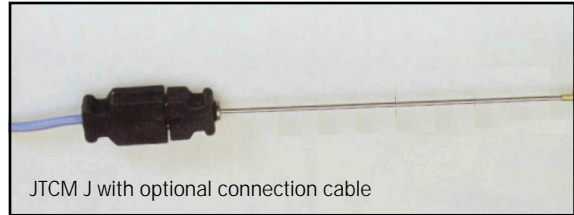
**Length L** ..... 150 - 1000mm

**Connector** ..... Compensated male standard ..... Moulded nylon body ..... Black colour coding to IEC504/ANSI

**Insulation** ..... 100MΩ at 100V d.c.

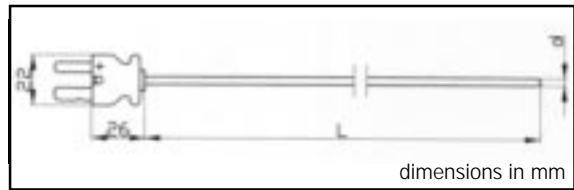
### OPTIONS:

- Other diameters
- Other lengths



JTCM J with optional connection cable

### DIMENSIONS:



dimensions in mm

### CODING:

e.g. JTCMJ30S251

Example	Description	Code	Values
JTCM J	Type		
30	Sheath diameter d (mm)	20 30	2 3
S251	Sheath length L mm	151 201 251 501 102	150 200 250 500 1000