

THERMOCOUPLES: TYPE JTCO

WITH COMPENSATED MINIATURE CONNECTOR

DESCRIPTION:

Small diameter thermocouple with moulded-on compensated connector.

FEATURES:

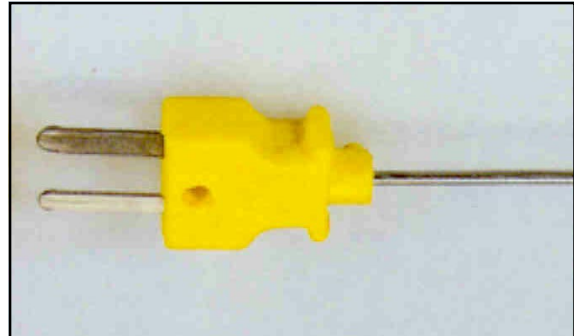
- Suitable for applications requiring fast response time and minimum probe size.

DATA:

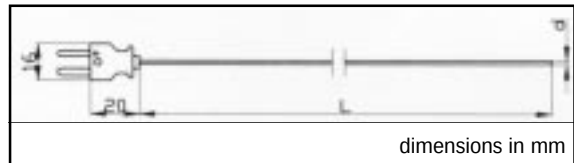
Sensing element Single element
 thermocouple type K or J
Maximum temperature 1150°C (type K)
 600°C (type J)
 120°C (connector)
Construction .. Densely packed MgO insulation
 Ungrounded hot junction
Minimum bending radius 3 x d
Sheath material Inconel 600 for type K
 AISI 304 for type J
Diameter d 0.25 - 1.5 mm
Length L 250 or 500 mm
Connector Compensated male miniature
 ASTM E 1684-96
 Moulded nylon body
Insulation 100MΩ at 50V d.c.
 for 0.25 and 0.5mm diameter
 100MΩ at 100V d.c.
 for 1.0 and 1.5mm diameter

OPTIONS:

- Other diameters
- Other lengths



DIMENSIONS:



CODING:

e.g. JTCOKI100S501

Example	Description	Code	Values
JTCO	Type		
KI	Sensing element type	KI KA JA	K-IEC K-ANSI J-ANSI/IEC
100	Sheath diameter (d) mm	25 50 100 150	0.25 0.5 1.0 1.5
S501	Sheath length L (mm)	251 501	250 500

Data sheet D-JTCO-1

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