



THERMOCOUPLES: TYPE JTCS V8

WITH COMPENSATED CONNECTOR

DESCRIPTION:

Thermocouple with moulded on compensated connector with M8 male thread.

FEATURES:

- Small size
- Vibration resistant design
- Suitable for severe environmental conditions
- Can be formed to suit application

DATA:

Sensing element Single element
 thermocouple type K or J

Maximum temperature 1150°C (type K)
 600°C (type J)
 90°C (connector)

Construction. Densely packed MgO insulation
 Ungrounded hot junction

Minimum bending radius 3 x d

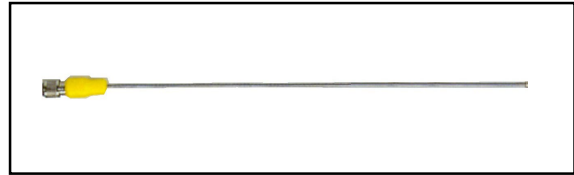
Sheath material Inconel 600 for type K
 AISI 304 SS for type J

Diameter d 2 or 3 mm

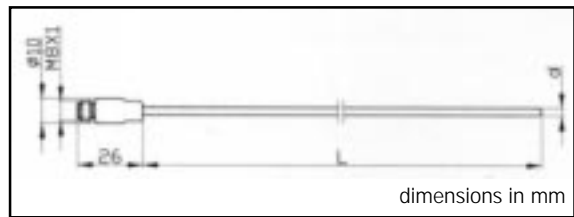
Length L 150, 200, 250mm

Connection M8X1 metal thread
 DIN-VDE 0627
 Compensated male connector
 Moulded nylon body
 IP67 protection

Insulation 100MΩ at 100V d.c.



DIMENSIONS:



CODING:

e.g. JTCSV8KI20S251

Example	Description	Code	Values
JTCS V8	Type		
KI	Sensing element type	KI KA JA	K-IEC K-ANSI J-ANSI/IEC
20	Sheath diameter d mm	20 30	2 3
S251	Sheath length L mm	151 201 251	150 200 250

OPTIONS:

- Other diameters
- Other lengths