



THERMOCOUPLES: TYPE JTCS V12

WITH COMPENSATED CONNECTOR

DESCRIPTION:

Thermocouple with moulded-on compensated connector with M12 male thread.

FEATURES:

- Vibration-resistant design
- High degree of environmental protection
- Can be formed to suit application

DATA:

Sensing element Single or duplex
 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 3, 4.5, 6mm

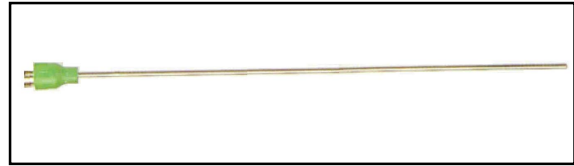
Length L 250 - 1500mm

Connector M12X1 metal thread
 DIN-VDE 0627
 Compensated male connector
 Moulded nylon body
 IP67 protection

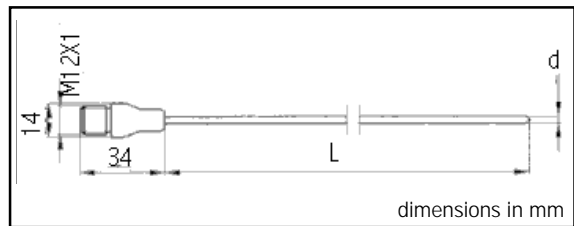
Insulation 100MΩ at 100V d.c.

OPTIONS:

- Other diameters
- Other lengths



DIMENSIONS:



CODING:

e.g. JTCSV12KD30S501

Example	Description	Code	Value
JTCS V12	Type		
K	Sensing element type	K J	K-IEC J-IEC
D	Number of elements	S D	Single Double
30	Sheath diameter d mm	30 45 60	3.0 4.5 6.0
S501	Sheath length L mm	251 501 102 152	250 500 1000 1500