

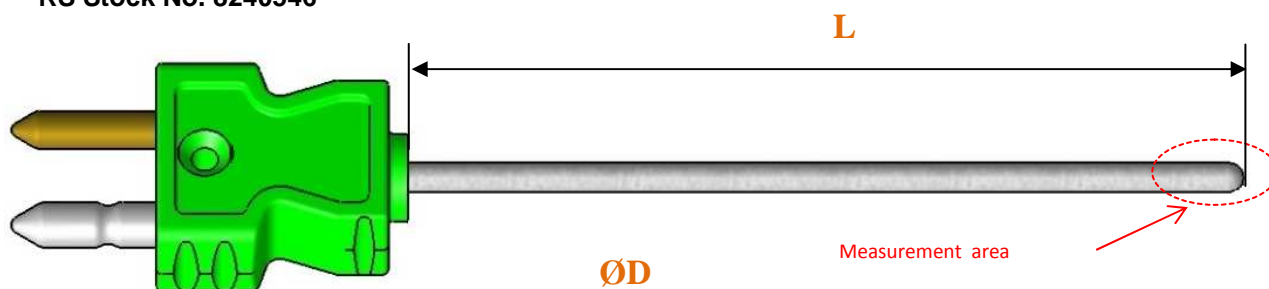


Data sheet

DTMTC7

ENGLISH

RS Stock No. 8240546
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THERMOCOUPLES SHEATHED WITH MINERAL INSULATION OVERMOULDED STANDARD CONNECTOR

RANGE :

- 50°C / +1200°C

USE :

- Universal

KEY POINT :

- Reagent, Strong

SPECIFICATIONS:

- Thermocouple K type (Nickel/Chrome–Nickel/Aluminium)
- Hot junction ungrounded
- Sheath material: Alloy 600 for Ø 1.5 mm, other Ø 310 SS
- Mineral pressed insulation
- Bendable
- Overmoulded standard male connector, conform with EN 50212, Ambiente temperature : -50°C/+200°C

DIMENSIONS:

- Sheath length - L = 2000 mm
- Sheath diameter - ØD = 3 mm
- Connector = 26x23x12mm

METROLOGICAL DATA :

- As per IEC 584
- Standard tolerance TC "K" class 1 :
- 40°C < t° < +375°C = ± 1,5°C
- 375°C < t° < +1000°C = ±0.004. [t]
- Time constant in water: <20 s for Ø 4.5 et 6 mm, <5 s for Ø 3 mm, <2 s for Ø 1.5mm
- Output signal FEM (mV) as per curve of "K" type as per norm

Other dimensions:

Length \ Diameter	150mm	250mm	500mm	1000mm	2000mm
1,5mm	8240792	8240509	8240506	8240515	X
3mm	8240512	8240524	8240537	8240534	8240546
4,5mm	8240559	8240556	8240568	8240562	8240574
6 mm	8240587	8240584	8240596	8240590	8240600