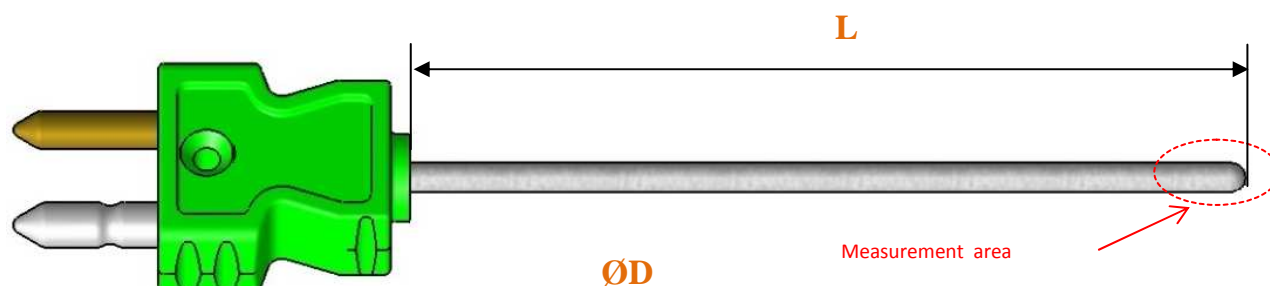


# Data sheet

## DTMTC7

RS Stock No. 8240596  
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ENGLISH



### 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 = 500 mm
- Sheath diameter - ØD = 6 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	<del>8240546</del>
3mm	8240512	8240524	8240537	8240534	8240546
4,5mm	8240559	8240556	8240568	8240562	8240574
6 mm	8240587	8240584	8240596	8240590	8240600