

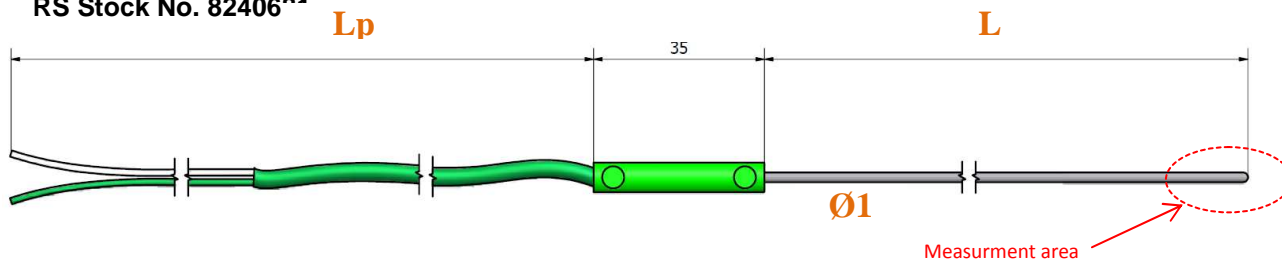


# Data sheet PTMTCA7

ENGLISH

RS Stock No. 8240681

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## THERMOCOUPLES SHEATHED WITH MINERAL INSULATION FLEXIBLE CABLE END

**RANGE :**

- 50°C / +1200°C

**USE :**

- Universal

**KEY POINT :**

- Economic

**SPECIFICATIONS :**

- Thermocouple K type (Chromel – Alumel)
- Hot junction ungrounded
- Sheath material: Alloy 600 for 1 and 1.5mm, 310SS for Ø 3 mm
- Cable insulation : PVC/PVC
- Mineral pressed insulation
- Bendable
- Overmould transition unanswerable, Ambiente temperature : -50°C/+100°C

**DIMENSIONS :**

- Sheath length - L = 1000mm
- Sheath diameter = - ØD = 3 mm
- Cable length = Lp (1 meter for Ø 1 and 1.5mm, 2 meters for Ø 3 mm)
- Transition housing = Ø 6 per length 35mm

**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: Time constant in water: <5 s for Ø 3 mm, <2 s for Ø 1.5mm and 1mm
- Output signal FEM (mV) as per curve of "K" type as per norm

**Other dimensions:**

| L \ ØD | 100mm                 | 150mm   | 250mm   | 500mm   | 1000mm  | 1500mm                | 2000mm                |
|--------|-----------------------|---------|---------|---------|---------|-----------------------|-----------------------|
| 1mm    | 8240635               | 8240644 | 8240647 | 8240641 | 8240650 | <del>XXXXXXXXXX</del> | <del>XXXXXXXXXX</del> |
| 1,5mm  | <del>XXXXXXXXXX</del> | 8240653 | 8240657 | 8240666 | 8240669 | 8240663               | 8240672               |
| 3mm    | <del>XXXXXXXXXX</del> | 8240675 | 8240679 | 8240688 | 8240681 | 8240685               | 8240694               |