

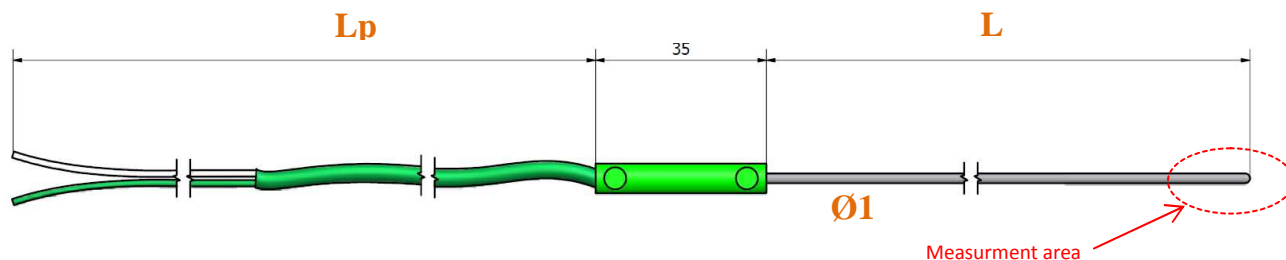


# Data sheet PTMTCA7

ENGLISH

RS Stock No. 8240694

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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 = 2000mm
- 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