

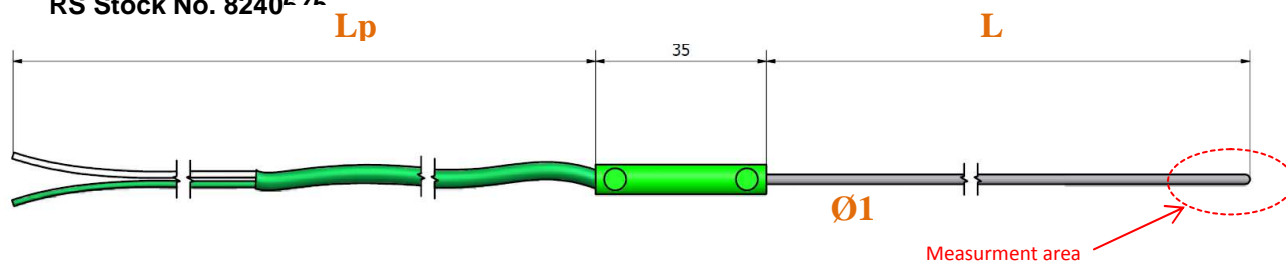
Data sheet

PTMTCA7

RS Stock No. 8240675

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ENGLISH



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 \varnothing 3 mm
- Cable insulation : PVC/PVC
- Mineral pressed insulation
- Bendable
- Overmould transition unanswerable, Ambiente temperature : -50°C/+100°C

DIMENSIONS :

- Sheath length - $L = 150\text{mm}$
- Sheath diameter - $\varnothing D = 3\text{ mm}$
- Cable length = L_p (1 meter for \varnothing 1 and 1.5mm, 2 meters for \varnothing 3 mm)
- Transition housing = \varnothing 6 per length 35mm

METROLOGICAL DATA :

- As per IEC 584
- Standard tolerance TC "K" class 1 :
- 40°C < t° < +375°C = $\pm 1,5^{\circ}\text{C}$
- 375°C < t° < +1000°C = ± 0.004 . [t]
- Time constant in water: Time constant in water: <5 s for \varnothing 3 mm, <2 s for \varnothing 1.5mm and 1mm
- Output signal FEM (mV) as per curve of "K" type as per norm

Other dimensions:

L \ $\varnothing D$	100mm	150mm	250mm	500mm	1000mm	1500mm	2000mm
1mm	8240635	8240644	8240647	8240641	8240650	8240663	8240672
1,5mm	8240635	8240653	8240657	8240666	8240669	8240663	8240672
3mm	8240635	8240675	8240679	8240688	8240681	8240685	8240694