

# Data sheet

## PTMTC



### TYPE K THERMOCOUPLE SHEATH WITH MAGNET

#### RANGE :

- 0 / 200°C Working temperature : 180°C

#### USE :

- All industries

#### KEY POINT :

- magnetic thermocouple

#### SPECIFICATIONS :

- Hot junction UNGROUNDED
- Insulated conductor in Fiber glass
- External insulation in Silicone
- Armor in Copper braid
- Aimant en U 25 x 40 mm
- Connector type K standard male connector with compensated pins

#### DIMENSIONS :

- Cable length = 2500 mm
- Section = 0.22 mm<sup>2</sup>

#### METROLOGICAL DATA :

- As per IEC 584
- Standard tolerance TC "K" class1:
  - 40°C < t° < 375°C = ± 1.5°C
  - 375°C < t° < 1000°C = ± 0.004. [t]
- Time constant at 63% in water: 0.7 sec
- Output signal FEM(mV) as per curve of "K" type as per norme IEC 60584