

# Temperature Probe E, 0-400°C, M6 Thread

## Product codes:

Reference: AM0030

EAN13: -

UPC: 90321020



## Product features:

Waterproof grade: IP68

Operating temperature: -50°C - +200°C

Operating temperature: 0-400°C

Probe type: E

## Product attributes:

Length: 1 m, 2 m

## Product description:

The Type E temperature probe is designed to measure temperatures from 0 to 400 °C when used with a compatible temperature controller or measuring instrument. Constructed with a stainless steel probe, external metal braiding and two fork terminals, it is suitable for fixed connections in industrial and technical applications. The product is available in 1 m and 2 m cable length variants.

## Technical specifications

- Thermocouple type: E
- Measuring range: 0 to 400 °C
- Probe material: stainless steel
- Inner insulation: glass fiber
- Outer shielding: metal braiding
- Connection: 2 fork terminals
- Fork terminal pitch: 3.5 mm
- Sensor tip diameter: 6 mm
- Thread: M6 × 1

## Functions and features

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- The probe is intended for temperature sensing using an E-type thermocouple.
- Stainless steel construction of the sensing part supports use in technical and industrial conditions.
- Glass insulation and metal braiding protect the lead during operation in environments with elevated thermal stress.
- The pair of fork terminals enables connection to corresponding terminals of a controller or measuring device.
- 1 m and 2 m length variants allow selection according to installation distance.

#### **Ideal for**

- Connection to temperature controllers
- Industrial temperature measurement
- Temperature measurement on machines, equipment and process units
- Replacement probe for compatible measuring and control applications

#### **Package contents**

- 1x Type E temperature probe

#### **Why choose this product**

- Clearly specified E-type thermocouple and 0 to 400 °C range
- Construction with stainless probe, glass insulation and metal braiding
- Secure connection via two fork terminals
- Choice of two cable lengths for different installation conditions

#### **Installation and operation instructions**

- Before connection, verify probe compatibility with the measuring or control device for E-type thermocouples.
- During installation observe correct polarity and ensure mechanically secure connection of both conductors.
- Install the sensing part so it is exposed to the measured medium within the range intended for this probe.
- Do not route the cable through areas with risk of mechanical damage or excessive bending.

#### **Safety warnings**

- Perform installation only with the equipment disconnected from power.
  - Use the product only with a compatible measuring or control device.
  - Incorrect wiring may lead to erroneous measurements or damage to
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connected equipment.

- When used at high temperatures there is a risk of burns from the probe surface and adjacent parts.
- If the probe is part of industrial equipment, installation should be carried out by a person knowledgeable about the relevant wiring and operating conditions.

**Product gallery:**

