# NTC 3MT

VE152500





Sensor for temperature detection. Designed for fast response and built according to criteria ensuring high reliability and long-term durability.
Transmitted signal: Ω

## General features

- Terminal: sensor in AISI 304 stainless steel capsule
- To extend the probe cable, use a bipolar cable with min. 1.5 mm² cross-section
- Sensor without polarity, connection cable has no specific colour or reference
- 2-wire resistance thermometer

## Technical specifications

| | |
|---|---|
| **Functional characteristics** | |
| Sensor type | NTC semiconductor resistance temperature sensor (10 kΩ at 25°C) |
| Sensor working range | -40 ÷ 110 °C |
| Working range sensor + cable | -40 ÷ 110 °C |
| **Mechanical features** | |
| Protection degree | IP67 |
| **Physical features** | |
| Cable type | Silicone |
| **Diameter dimension** | |
| Dimension Ø - A | 6 mm |
| **Dimensions** | |
| Probe length | 40 mm |
| Cable length | 3 m |

Vemer S.p.A. declines all responsibility for the use of the products for purposes other than those for which they are intended, as indicated in the technical documentation. Vemer S.p.A. reserves the right to make, without prior notice, such changes as may, in its sole discretion, improve the technical and functional characteristics of the products and the related production logic. The technical characteristics and images of the products indicated are given for information only and are not binding in any way, since they may be modified without prior notice.



Revision date: 2026-02-02

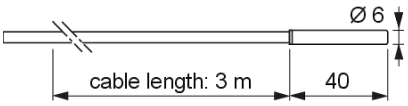
# NTC 3MT

VE152500



## Dimensions

Total View




## Product variants

### NTC

VN870200

NTC RTD sensor, 2-wire, with NTC semiconductor for temperature measurement, 1.5 m length

## Model variants

### NTC C

NTC C thermistor with a 2-wire NTC semiconductor sensor housed in injection-molded plastic for temperature sensing

### NTC BC

NTC BC thermistor with a 2-wire NTC semiconductor sensor housed in eco-printed plastic and equipped with a temperature-sensing probe.

## Reference standards

Compliance with Community Directive:

- **2011/65/UE e 2015/863/UE (ROHS)**

is declared by reference to the following Standard:

- **EN IEC 63000**

Vemer S.p.A. declines all responsibility for the use of the products for purposes other than those for which they are intended, as indicated in the technical documentation. Vemer S.p.A. reserves the right to make, without prior notice, such changes as may, in its sole discretion, improve the technical and functional characteristics of the products and the related production logic. The technical characteristics and images of the products indicated are given for information only and are not binding in any way, since they may be modified without prior notice.



Revision date: 2026-02-02