Pt 100

VJ44250000



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
- The cable outlet from the capsule is protected by a stainless steel spring.
- To extend the probe cable, use a tripolar cable with min. 1.5 mm² cross-section
- 3-wire resistance thermometer

Technical specifications

Measure	
Accuracy	Class B (IEC 751)
Functional characteristics	
Sensor type	Platinum resistance temperature sensor
Sensor working range	-70 ÷ 500 °C
Working range sensor + cable	0 ÷ 400 °C
Mechanical features	
Protection degree	IP40
Physical features	
Cable type	Flexible conductors insulated with braided fiberglass Glass fiber filler and external reinforcement with tinned copper braid
Diameter dimension	
Dimension Ø - A	6 mm
Dimensions	
Probe length	100 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.

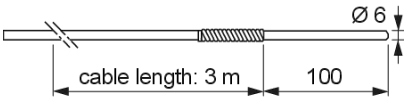
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Dimensions

Total View



Product variants

Pt 100 10MT

VJ44250010

Pt100 RTD sensor, Platinum, 3-wire, for temperature measurement, 10 m length

Model variants

Pt 100 E

Pt 100 E resistance temperature sensor with platinum element, 3-wire, for temperature detection

Pt 100 EC

Pt 100 EC resistance temperature sensor with platinum element, 2-wire, for temperature detection

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**

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