Cr-Al (K)

VJ44410000



Sensor for temperature detection. Designed for fast response and built to ensure high reliability and durability. Transmitted signal: mV

General features

- Terminal: sensor in AISI 304 stainless steel capsule
- Stranded glass-fibre insulated flexible conductors, glass-fibre filler and tinned copper braid outer jacket
- The cable outlet from the capsule is protected by a stainless steel spring.
- To extend the probe cable, use a compensated cable with min. 0.25 mm² cross-section
- Hot junction connected to external sheath (shorter response time to temperature variations)
- 2-wire thermocouple

Technical specifications

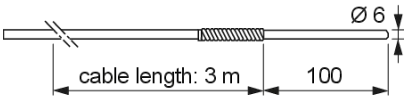
Measure	
Accuracy	Class 2 (IEC 584)
Functional characteristics	
Sensor type	Thermocouple
Sensor working range	-50 ÷ 400 °C
Working range sensor + cable	0 ÷ 400 °C
Mechanical features	
Protection degree	IP40
Physical features	
Cable type	Flexible conductors insulated with braided fiberglass Glass fiber 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.

Revision date: 2026-02-02

Dimensions

Total View



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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