Mineral-insulated PT100 probe with M8 connector TRSV8

Thermal resistance for mineral insulation Ø 2 or 3 mm
M8 3-pole crimped connector IP67



KEY FEATURES

- Fine and pliable rope
- M8 IP67 connector
- Custom-made manufacturing

Description

The TRSV8 from Italcoppie combines a mineral-insulated small-diameter sheath with a 3-pole M8 overmolded connector. It combines the advantages of a removable connector with the compactness of a transition output, for machines where every millimeter counts.

Fine and pliable rope

The MIC construction in a diameter of 2 or 3 mm bends easily and responds quickly to temperature variations.

M8 IP67 connector

The IP67 molded connector ensures tightness and allows the probe to be replaced without re-wiring, which reduces maintenance time.

Custom-made manufacturing

Italcoppie Sensori, an Italian manufacturer specializing in temperature measurement, manufactures this probe according to your specifications: length and diameter of the cable, length and type of cable, termination connector, process connection. The series are produced both in small quantities and in OEM volumes.

Typical applications

- Compact packaging and assembly machines
- Tools and molds
- Laboratory and analytical equipment
- Applications for standardized M8 wiring

Technical specifications

Series	TRSV8
Sensitive element	PT100, PT1000 or NTC
Temperature range	-50 to 100 °C at the connector (jacket designed to withstand temperatures up to 500 °C depending on the component)
Construction	Compact mineral insulation (MIC), foldable
Diameters	2 or 3 mm
Connector	M8 3-pole overmolded
Protection index	IP67

Non-contractual document. Specifications subject to technical changes. Edition 11/2026.