Thermocouple with compensated M8 connector TCSV8

Thermomultiplier K or J with mineral insulation
M8 connector with overmolded IP67 cover, minimal footprint



KEY FEATURES

- Cold-welded sealed
- Type K or J
- Custom-made manufacturing

Description

The TCSV8 from Italcoppie is a mineral-insulated thermocouple equipped with a small M8 connector with a molded IP67 cap. It replaces the all-in-one versions while retaining the advantage of a removable probe.

Cold-welded sealed

The overmolded connector combines the advantages of a removable connection with those of a sealed junction: small size and good resistance to harsh environmental conditions.

Type K or J

Type K covers the widest range and remains the industry standard. Type J is preferred in plastics processing and on certain controllers. Both are available depending on your measuring instrument.

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 machines and tools
- Mussels and hot canals
- Laboratory equipment
- Applications for M8 wiring

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

Technical specifications

Series	TCSV8
Sensitive element	Thermocouple type K or J
Temperature at the connector	150 °C max.
Construction	Compact mineral isolation (MIC)
Connector	M8 compensated overmolded
Protection index	IP67

Technical advice and quote

DYNATIME SA distributes this product in Switzerland from Marin (NE). Our team helps you choose the right version for your application and sends you a quote quickly.
+41 32 968 15 36 · **info@dynatime.ch** ·
dynatime.ch/en/catalog/thermocouple-with-compensated-m8x1-connector/

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