Miniature thermocouple with mini connector TCOSTD

Thermomultiplier K or J with mineral insulation of small diameter
Mini-compensated connector, fast response



KEY FEATURES

- Short response time
- Type K or J
- Mini-compensated connector
- Custom-made manufacturing

Description

The TCOSTD from Italcoppie is a mineral-insulated thermocouple with a small diameter, finished with a standard compensated mini-connector. Its low mass gives it a short response time and allows measurements in very confined spaces.

Short response time

The small diameter of the sheath reduces thermal inertia: the probe faithfully tracks rapid temperature changes, an asset for testing and development.

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.

Mini-compensated connector

The miniature connector fits portable recorders, calibrators and indicators and is connected using standard compensated extension cables.

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

- Laboratories, test benches and R&D
- Temporary measures with portable recorders
- Small tools and molds
- Measures in confined spaces

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Technical specifications

Series	TCOSTD
Sensitive element	Thermocouple type K or J
Maximum temperature.	1150 °C (depending on type and casing)
Construction	Compact mineral insulation (MIC), small diameter
Ending	Standard compensated mini-connector
Execution	Diameters and lengths on request

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.
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