Mineral-insulated PT100 probe with M12 connector TRMSTD

Thermal resistance of foldable mineral insulation
M12 crimped connector IP67, from -50 to 500 °C



KEY FEATURES

- Foldable mineral insulation tape
- M12 4-pin connector
- Custom-made manufacturing

Description

The TRMSTD from Italcoppie is a multifunctional thermal resistance in mineral insulation construction (MIC), completed with a M12 4-pin connector with IP67 overmolding. The foldable sheath adapts to the geometry of the installation, and the probe covers a wide range of -50 to 500 °C.

Foldable mineral insulation tape

The MIC compact construction, in diameters of 3, 4.5 or 6 mm, folds up on site without damaging the element. It is resistant to vibrations and high temperatures.

M12 4-pin connector

The IP67 molded connector connects with standard M12 cables, and directly accepts the EvominiX C and CM converters to obtain a 4...20 mA output.

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

- Process measurement in tanks and pipelines
- Ovens, dryers and thermal equipment
- Machines exposed to vibrations
- Replacement of connection head assemblies

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Technical specifications

Series	TRMSTD
Sensitive element	PT100 or PT1000
Temperature range	-50 to 500 °C
Construction	Compact mineral insulation (MIC), foldable
Diameters	3, 4,5 or 6 mm
Connector	M12x1 4-pin crimped
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.
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