NTC probe 47 kΩ with M12 fitting M122001B

Compact NTC probe, stainless steel 316L glove finger
M12x1 mobile nut and torical joint, integrated cable, up to 150 °C



KEY FEATURES

- Element NTC 47 kΩ
- Industrial cables and connectors
- Custom-made manufacturing

Description

The M122001B from Italcoppie is a compact NTC probe with an AISI 316L stainless steel hand grip and a M12x1 brass mobile nut. The rotating nut allows the cable output to be oriented after tightening, an advantage in installations where space is limited.

Element NTC 47 kΩ

The thermistor of 47,000 Ω at 25 °C (β 3690) offers high resolution over the working range, for simple measurement electronics.

Industrial cables and connectors

The FEP insulated conductors comply with UL requirements, and the Lumberg 3114-02 connector termination simplifies wiring. The seal is ensured by a toroid seal.

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

- Hydraulic circuits and valve blocks
- Heating and hot water equipment
- OEM machines with constraints on space requirements
- Fluid measurement up to 150 °C

Technical specifications

Reference	M122001B
Sensitive element	NTC 47,000 Ω at 25 °C, β(25/85) 3690
Maximum temperature.	150 °C
Glove finger	Stainless steel AISI 316L
Process connection	M12x1 mobile nut in brass CW614N, threaded joint
Cable	Isolated FEP conductors, compliant with UL
Ending	Lumberg 3114-02 connector

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