Overmoulded IP67 temperature probe, IKS series

Overmolded waterproof temperature probe, flat TPE cable
PT100, PT1000 or NTC, from -40 to 150 °C



KEY FEATURES

- Element sensitive to choice
- TPE flat cable
- Custom-made manufacturing

Description

The IKS series from Italcoppie is a cable-type temperature probe whose sensitive element is entirely molded in thermoplastic rubber. The molding eliminates moisture ingress points and guarantees an IP67 seal, for a controlled manufacturing cost.

Element sensitive to choice

The probe is available with a PT100 element, PT1000, or an NTC thermistor. Thermosteps offer precision and interchangeability, while the NTC provides high sensitivity at low cost over a reduced range.

TPE flat cable

The flat TPE cable remains flexible, easily slips under a joint or door and resists water and cleaning. The operating range extends from -40 to 150 °C.

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

- Refrigeration, cold rooms and showcases
- Household appliances and professional kitchen equipment
- Ambient or surface temperature measurement in a humid environment
- Large-scale OEM integration

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Technical specifications

Series	IKS
Sensitive element	PT100, PT1000 or NTC
Temperature range	-40 to 150 °C
Isolation	Simple isolation, airtight caulking
Protection index	IP67
Cable	TPE (thermoplastic rubber), flat
Execution	Lengths and terminations 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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