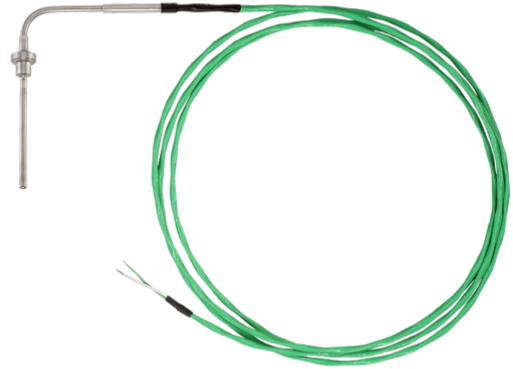


Temperature sensor Type T45

Temperature sensors have very distinct fields of operation and the conditions they are subject to are often harsh. A variety of requirements must be considered when developing the sensors:

- Special installation locations
- Special environmental conditions
- Vibration resistance
- Short response times
- Long service life

The advantage for you is that our experienced engineers are aware of these requirements and factor them into the product design, providing a reliable and targeted solution to the problem.



Description

Temperature sensor with connecting cable. This robust sensor is designed for measuring exhaust gas temperatures. It is used in large diesel engines such as those used on ships and in combined heat and power stations. It is also used in turbines and compressors.

Technical features:

- Very high vibration resistance
- Exceptionally durable connecting cable
- Customer-specific fitting lengths on request

„Made in Germany“ seal of quality

Customers are impressed by the durability, robustness and precision of our products. To ensure all quality requirements are met, SIKA develops and manufactures its product range exclusively in Germany. In this way, we guarantee smooth co-engineering between us and our clients, superior branded goods and excellent delivery reliability.

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Technical features

For exhaust gas temperature measurement, cable without immersion tube

| | |
|-----------------------|--|
| Accuracy class | Thermocouple class 1 |
| Diameter* | 4.5 mm |
| Lenght* | 45 mm 80 mm 104 mm 138 mm 150 mm |
| Material* | Stainless steel 1.4541 Inconel 2.4816 |
| Sensor element* | 1 x NiCr-Ni (type K) 2 x NiCr-Ni (type K) |
| Measuring insert | Interchangeable |
| Measuring range | 0...600 °C |
| Process connection* | |
| Fitting | SW5, 3-4 mm, stainless steel 1.4571 |
| Electrical connection | FEP-cable, wire-braided |
| Cable length | 1.0 m 1.5 m 2.0 m 2.5 m |
| Degree of protection | IP54 |

* Other specifications available on request

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