

Fast Facts

Temperature sensor for transmission

Temperature sensors by AB Elektronik Sachsen determine temperature reliably, quickly and precisely in liquid or gaseous media such as water, oil, fuel, intake air and charge air. Because of its robustness beside precise measurement our temp Sensors are more and more used on gear box applications. Short response time and temperature range up to 200°C give customers the possibility of high Sophisticated Temperature monitoring.

With more than 20 years of experience in developing and producing temperature sensors, we are well positioned to partner with OEMs and Tier 1 / 2 suppliers on a global scale.



Typical applications

- Suitable applications for this sensor include temperature measurement in fluid media such as water and oil, particularly in automotive and off road transmissions or industrial applications.

Features

- High temperature performance (up to 200 °C)
- Compact connector
- Fast response time (T90 < 5sec.)
- Small dimension
- Robust housing
- Developed and produced according to automotive requirements

Technology: NTC

Temperature range: -40 °C ... 200 °C (ambient temperature up to 150 °C – connector spec.)

Nominal resistance: 2,251 Ohm (25 °C) – other values on request

Thread: M12 x 1.5 (M14 x 1.5)

Connector: MLK 1.2 – other connectors an request