

Fast Facts

Combined Oil level and temperature sensor

By continuously monitoring the oil level and oil temperature, engine and gear box reliabilities will increase. Furthermore, an automatic level monitoring system will reduce the vehicle down time for check and service. This compact AB oil level and temperature sensor offers a continual measurement of the oil level in the static and dynamic conditions.



Characteristics

- Combined position and temperature sensor
- Contactless linear sensor with integrated floater
- Technology: Autopad®, Inductive
- Supply voltage 5 V; Analog voltage output signal
- Linear range max. 100 mm
- Operating temperature range -40 °C to 140 °C
- Sealing grade IP6K9K
- Current consumption max 20 mA
- Immediate measurement after switch-on

Typical applications

Sensing of level and temperature of oil in engines and gearboxes

Special features

- Precise capture of oil level with high accuracy
- Short response time
- Contactless
- Robust
- High accuracy
- Flexible design for particular customer specifications