Fast Facts

Exhaust Gas High Temperature Sensor

- Media: temperature for exhaust, motor, EGR
- Temperature range: - 40 °C to + 800 °C
- Sensor type: RTD (Pt200)
- Thermal time constant: T50 ≤ 20 s (RT on 120 °C 10 m / s air)
- Resistance of insulation: > 10 MΩ at 500 V DC at 500 °C
- Resistance of corrosion: In acc. M3018
- Electrical intersect. point: No polarity, Imax = 5mA (connector on request)
- Protection range: acc. to DIN 40050 T9 IP 6k9k; IP 67– with mating connector

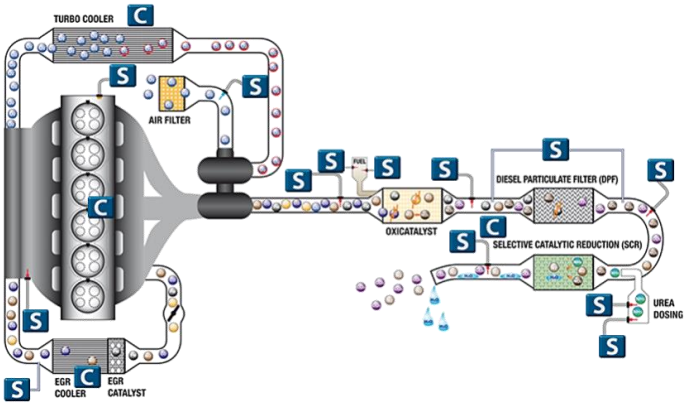
Special Features

- Suitable for all common temperatures in the area of diesel exhaust gas
- Corrosion resistant (no welding in media contact)

Typical applications

- This temperature sensor is used versatile in the range of the exhaust pipe. In addition, other mechanical fasteners / connectors are possible.

Emission exhaust-gas-technology is one of our core competence and we have several years of experience in mass production for EURO4 and EURO5 as well as Tier4i and f engines. Today we are contributing this experience to the EURO6 projects and together with our customers, designing reliable, sturdy Solutions for the next generation of environmentally friendly exhaust systems.
Products like high-temperature sensors with integrated electronic, freeze protected pressure sensors and AdBlue Quality sensors are invariably powerful and provide excellent cost-benefit ratios, which are dedicated to the applications of leading OEM´s in transportation segment.



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