Technical Data

**Gas sensor element GGS 2330 T**

**Type of sensor**
- **GGS**: Single sensor
- **2**: Sensor with a high sensitivity to CO, H₂ and C₂H₅OH and a low cross sensitivity to CH₄

**Chip**
- **3**: Size = (3.0 x 3.0) mm²

**Heater resistance at 0 °C**
- **3**: Rₜₐₜ = 10.0 ± 0.5 Ω

**Class of accuracy**
- **0**: Rₜₐₜ = ± 75 %, Rₜ/Rₜₐₜ = ± 30 %

**Housing**
- **T**: Sensor in a TO39-housing with a stainless steel cap

**Dimensions**

![Image of sensor dimensions]

**Pin assignment**
- Pin 1, 4 … Heater; Pin 2, 3 … Sensitive layer

**Operating parameters**
- Temperature Tₜₐₜ = (400 ± 15) °C
- Heater resistance Rₜₐₜ = (27.4 ± 1.2) Ω
- Power rating Pₜₐₜ ≈ 825 mW (Heater voltage Uₜₐₜₗₐₜ = 4.5 V)

**Sensor parameters**
- Basic resistance Rₜₐₜ = (200 ± 150) kΩ

**Conformity**
- 2002/95/EC Restriction of the use of Hazardous Substances Directive (RoHS)

![Image of sensitivity characteristics]

Figure 1: Sensitivity characteristics to impact at CO and CH₄

Made in Germany