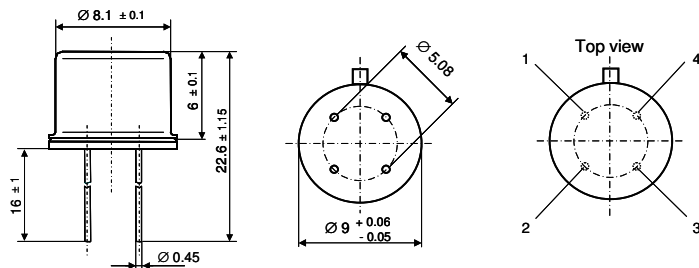


Technical Data

| | |
|----------------------------------|--|
| Gas sensor | GG5: Single sensor |
| Type of sensor | 5: Sensor especially sensitive to nitric oxide and ozone |
| Chip | 3: Size = (3.0 x 3.0) mm ² |
| Heater resistance at 0 °C | 3: R _{H0} = (10.0 ± 0.5) Ω |
| Class of accuracy | 0: R _{S0} = ± 75 %, R _S /R _{S0} = ± 30 % |
| Housing | T: Sensor in a TO39-housing with a stainless steel cap |
| Dimensions | |



Pin assignment Pin 1, 4 ... Heater; Pin 2, 3 ... Sensitive layer

Operating parameters
 Temperature T_H = (275 ± 15) °C
 Heater resistance R_H = (20.3 ± 1.0) Ω
 Power rating P_H ≈ 450 mW (Heater voltage U_{Hstat} = 3.0 V)

Sensor parameters
 Basic resistance R_{S0} = (200 ± 150) kΩ
 Measurement voltage U_S < 250 mV

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

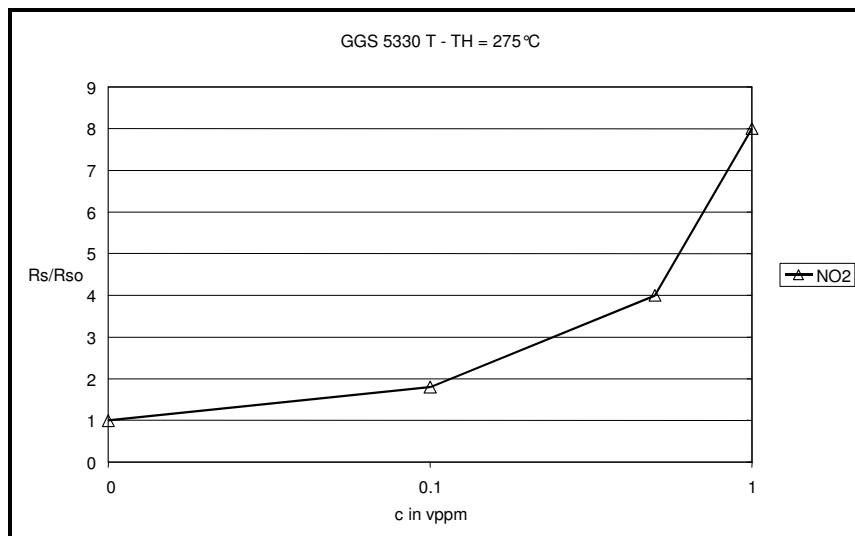


Figure 1: Sensitivity characteristics to impact at NO₂

Made in Germany



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