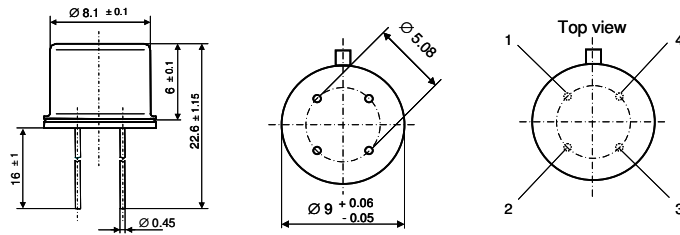


Technical Data

Gas sensor	GG5: Single sensor
Type of sensor	8: Sensor for the detection of C ₂ H ₅ OH, low cross sensitivity to CH ₄ , CO and H ₂
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 = (460 ± 15) °C
 Heater resistance R_H = (26.7 ± 1.3) Ω
 Power rating P_H ≈ 960 mW (Heater voltage U_{Hstat} = 5.1 V)

Sensor parameters

Basic resistance R_{S0} = (30 ± 20) kΩ
 Measurement voltage U_S < 250 mV

Conformity

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

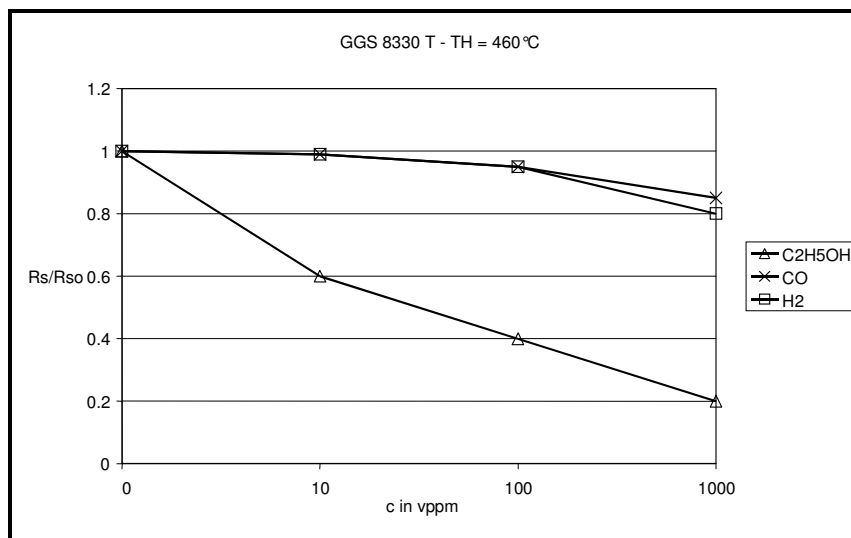
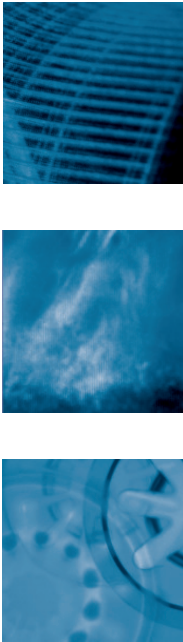


Figure 1: Sensitivity characteristics to impact at C₂H₅OH, CO and H₂



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