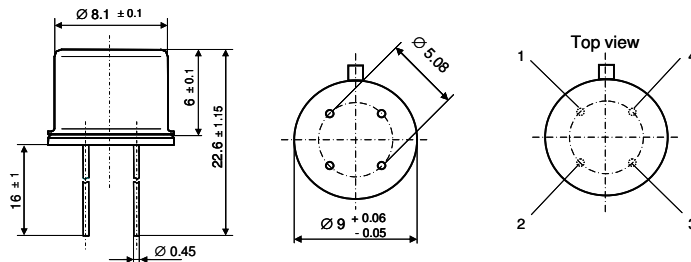


## Technical Data

<b>Gas sensor</b>	<b>GG5:</b> Single sensor
<b>Type of sensor</b>	<b>6:</b> Sensor for hydrogen, with low cross sensitivity to CH <sub>4</sub> , CO and alcohol
<b>Chip</b>	<b>3:</b> Size = (3.0 x 3.0) mm <sup>2</sup>
<b>Heater resistance at 0 °C</b>	<b>3:</b> R <sub>H0</sub> = (10.0 ± 0.5) Ω
<b>Class of accuracy</b>	<b>0:</b> R <sub>S0</sub> = ± 75 %, R <sub>S</sub> /R <sub>S0</sub> = ± 30 %
<b>Housing</b>	<b>T:</b> 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<sub>H</sub> = (550 ± 15) °C  
 Heater resistance R<sub>H</sub> = (29.7 ± 1.5) Ω  
 Power rating P<sub>H</sub> ≈ 1250 mW (Heater voltage U<sub>Hstat</sub> = 6.0 V)

### Sensor parameters

Basic resistance R<sub>S0</sub> = (8 ± 5) kΩ

### Conformity

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

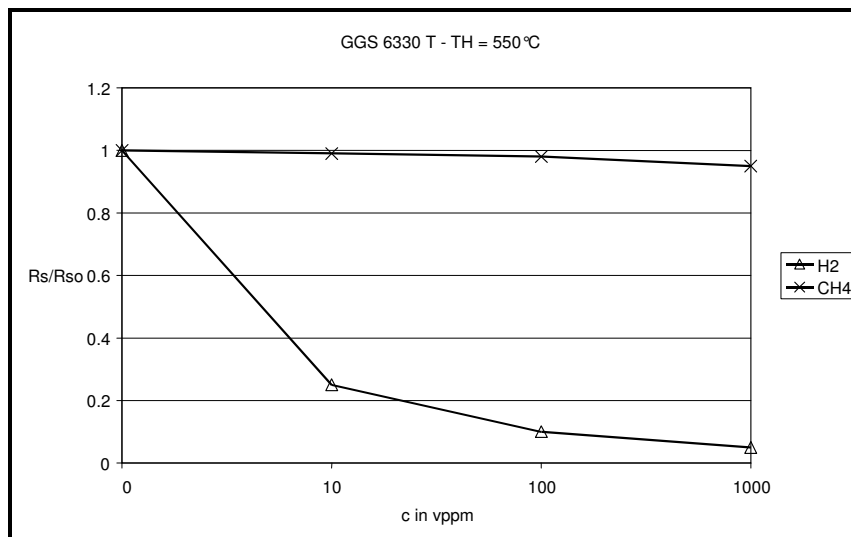


Figure 1: Sensitivity characteristics to impact at H<sub>2</sub> and CH<sub>4</sub>

Made in Germany



ISO/TS 16949:2002  
Reg.-No. 79 111 0807