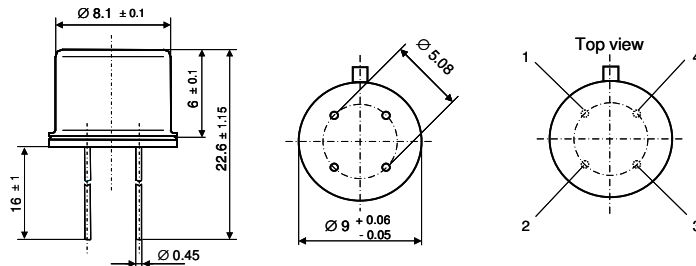


Technical Data

Gas sensor	GG5: Single sensor
Type of sensor	9: Sensor for R134a and other refrigerants
Chip	3: Size = (1.5 x 1.5) 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 = (425 ± 15) °C
 Heater resistance R_H = (25.4 ± 1.3) Ω
 Power rating P_H ≈ 815 mW (Heater voltage U_{Hstat} = 4.5 V)

Sensor parameters

Basic resistance R_{S0} = (50 ± 30) kΩ
 Measurement voltage U_S < 250 mV

Conformity

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

GG5 9330 T - TH = 425 °C

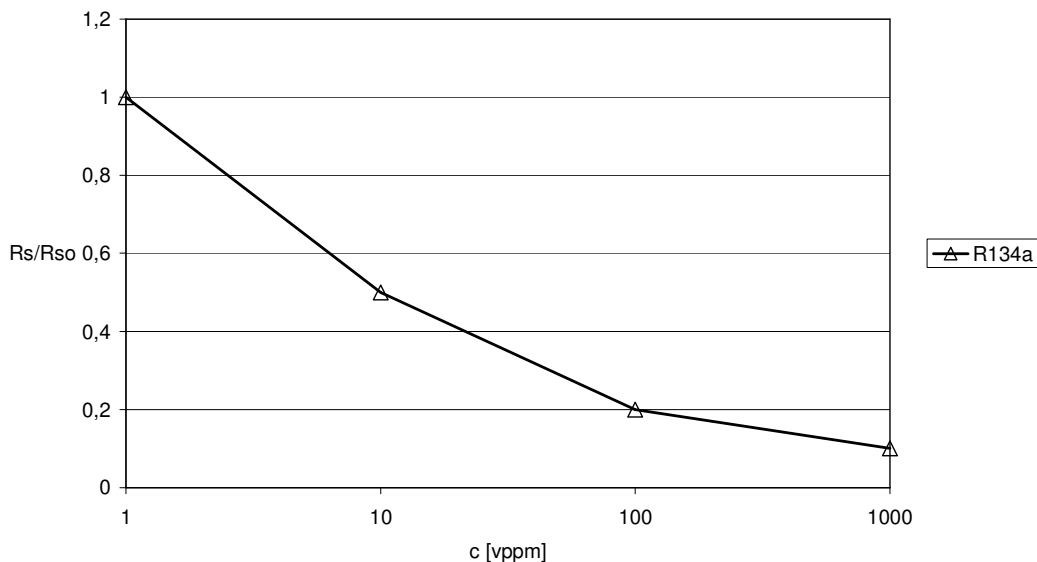
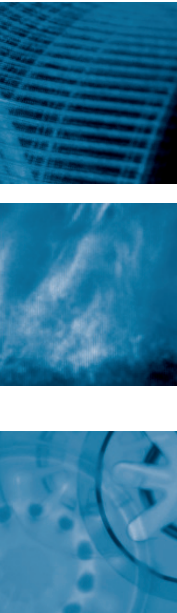


Figure 1: Sensitivity characteristics on impact of R134a



UST Umweltsensortechnik GmbH is certified according to



Made in Germany