

TGS 800R DATA SHEETS

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3. Dependency on Cigarette's Smoke
4. Dependency on Temperature and Humidity
5. Dependency on Supply Voltage
6. Time Dependency
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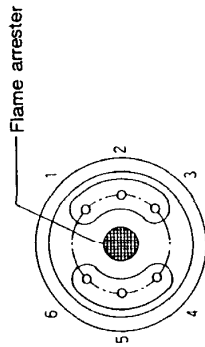
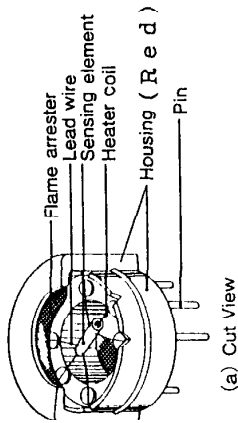
FIGARO ENGINEERING INC.

NOV. 19, 1992

TGS800R

Structure

Fig. 1. Structure



The numbers in the figure indicate the six pins.

Fig. 2. Dimensions

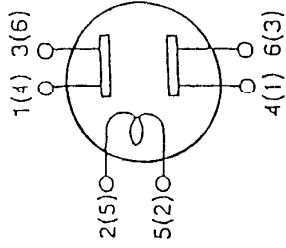
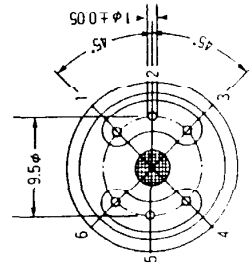
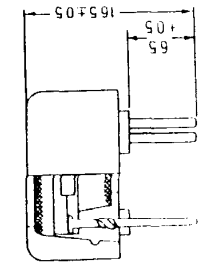
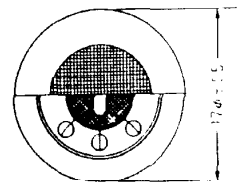


Fig. 3 Symbol of TGS 800 in Electric Circuit

- * 2, 5 : Heater pin
- 1, 3 : Connected electrodes pairs
- 4, 6 : Connected electrodes pairs

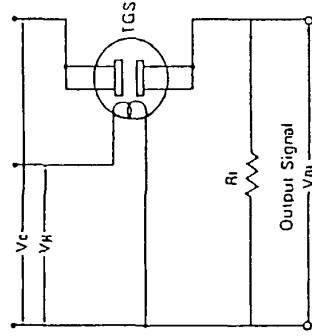
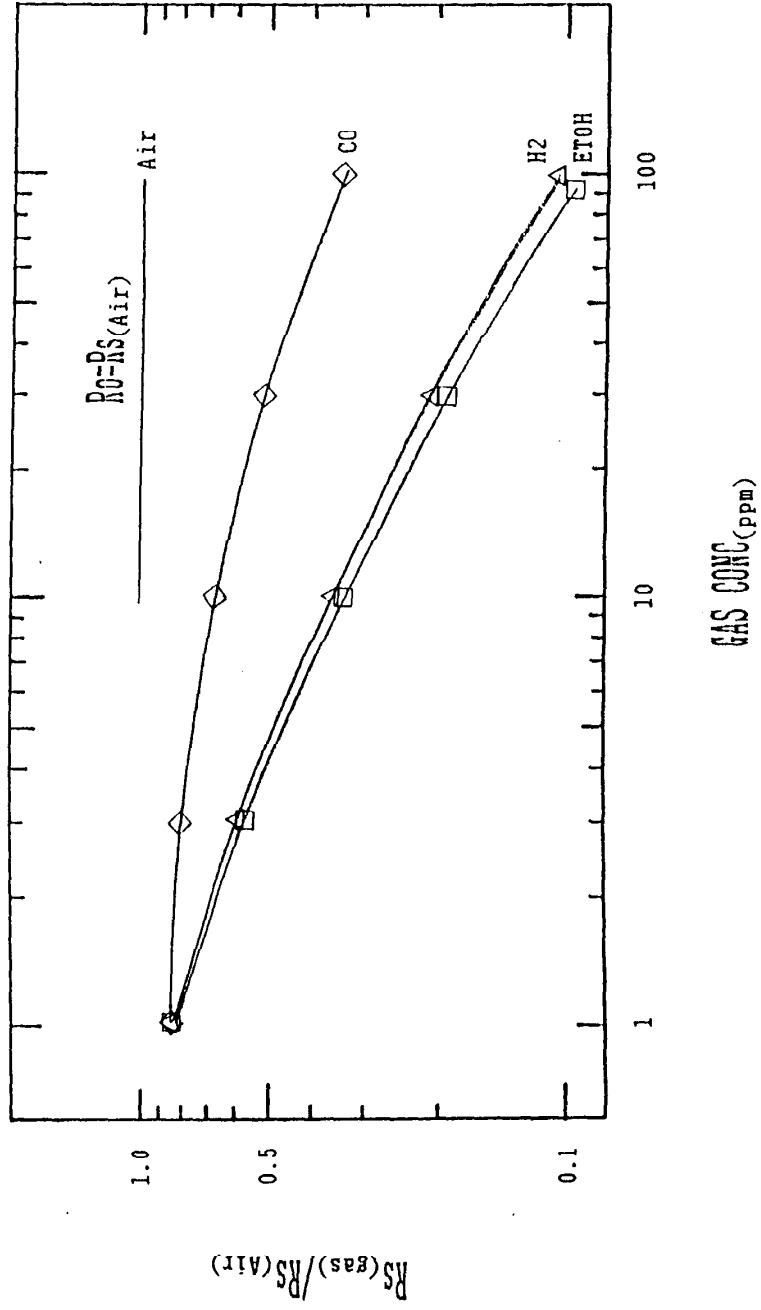


Fig. 4 Basic Measuring Circuit

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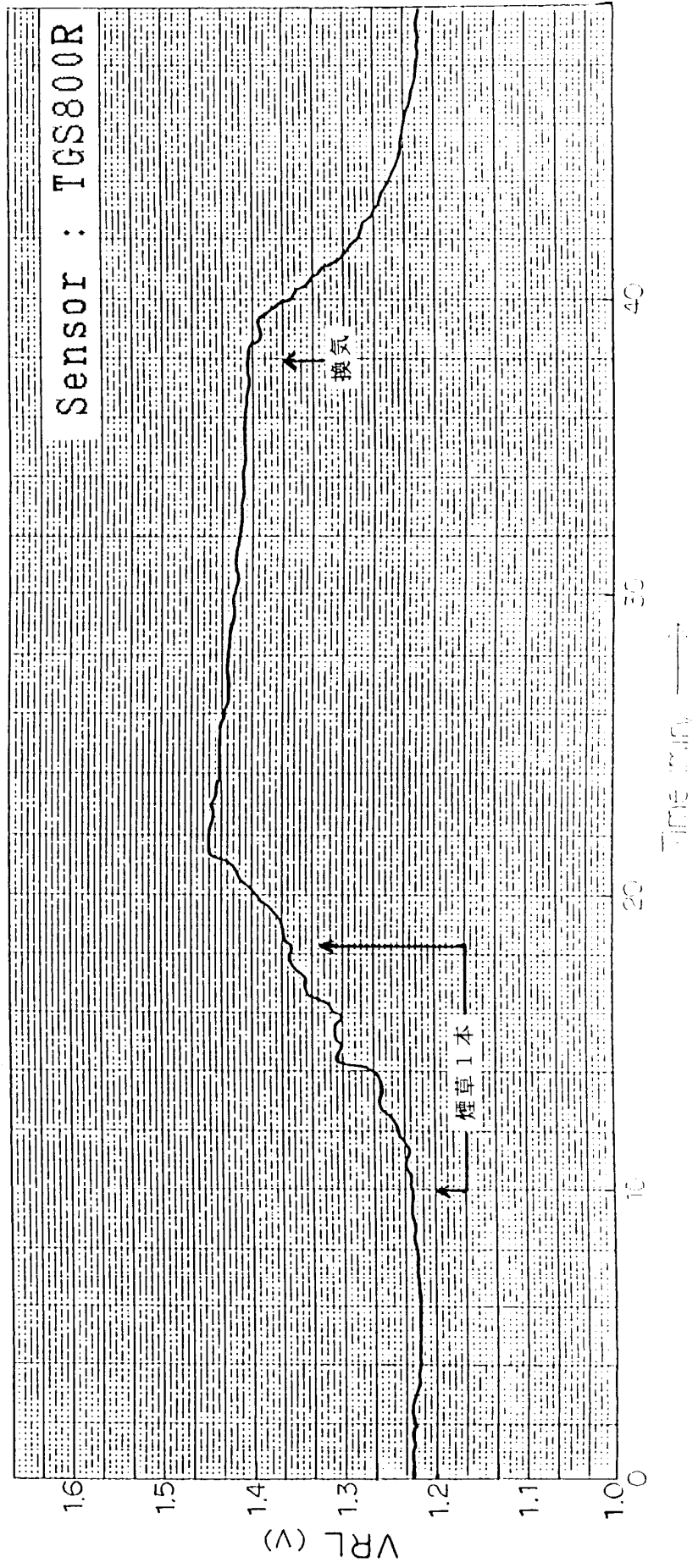
Sensitivity Characteristics



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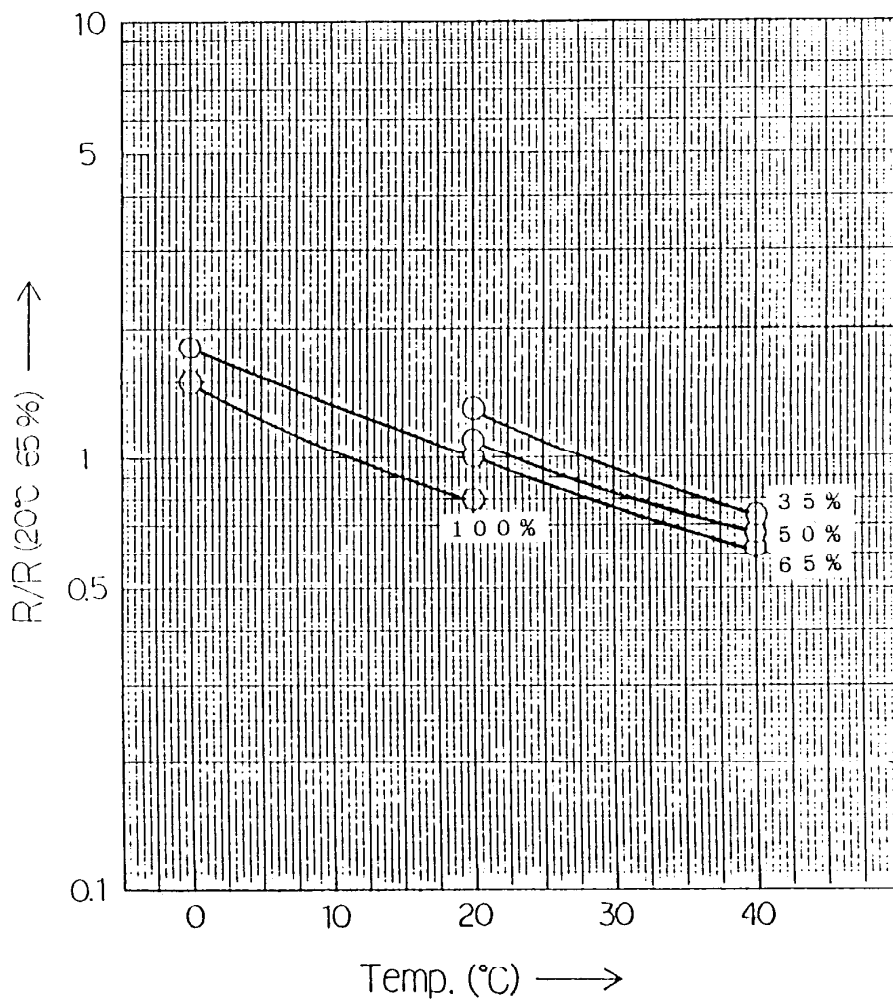
Dependency on Cigarette's Smoke

VC=5v
VH=5v
test room 34m²



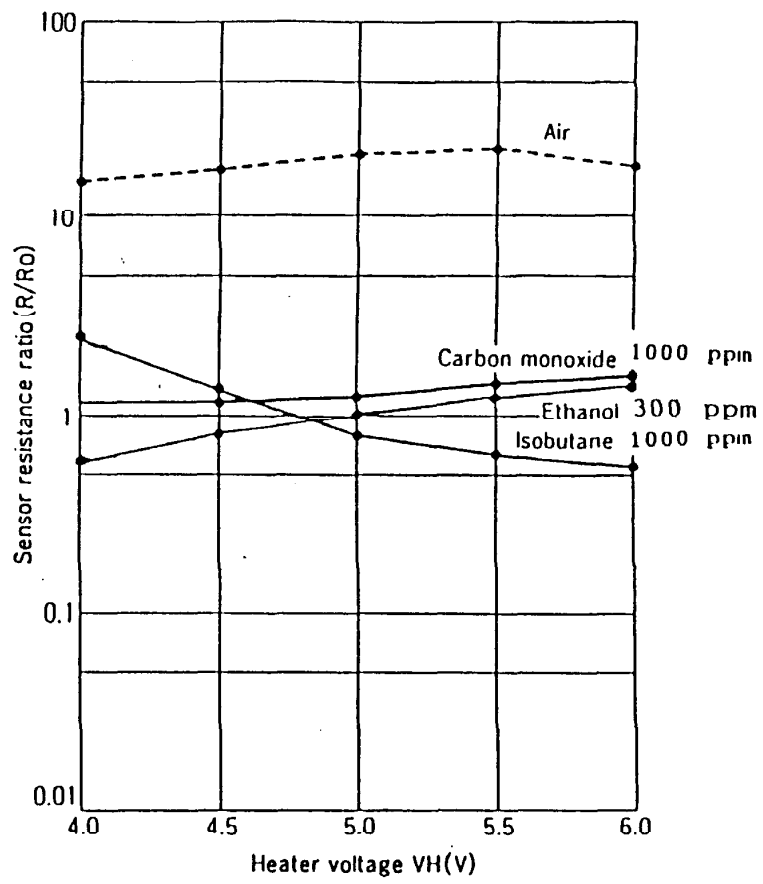
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Dependency on Temperature and Humidity



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Dependency on Supply Voltage



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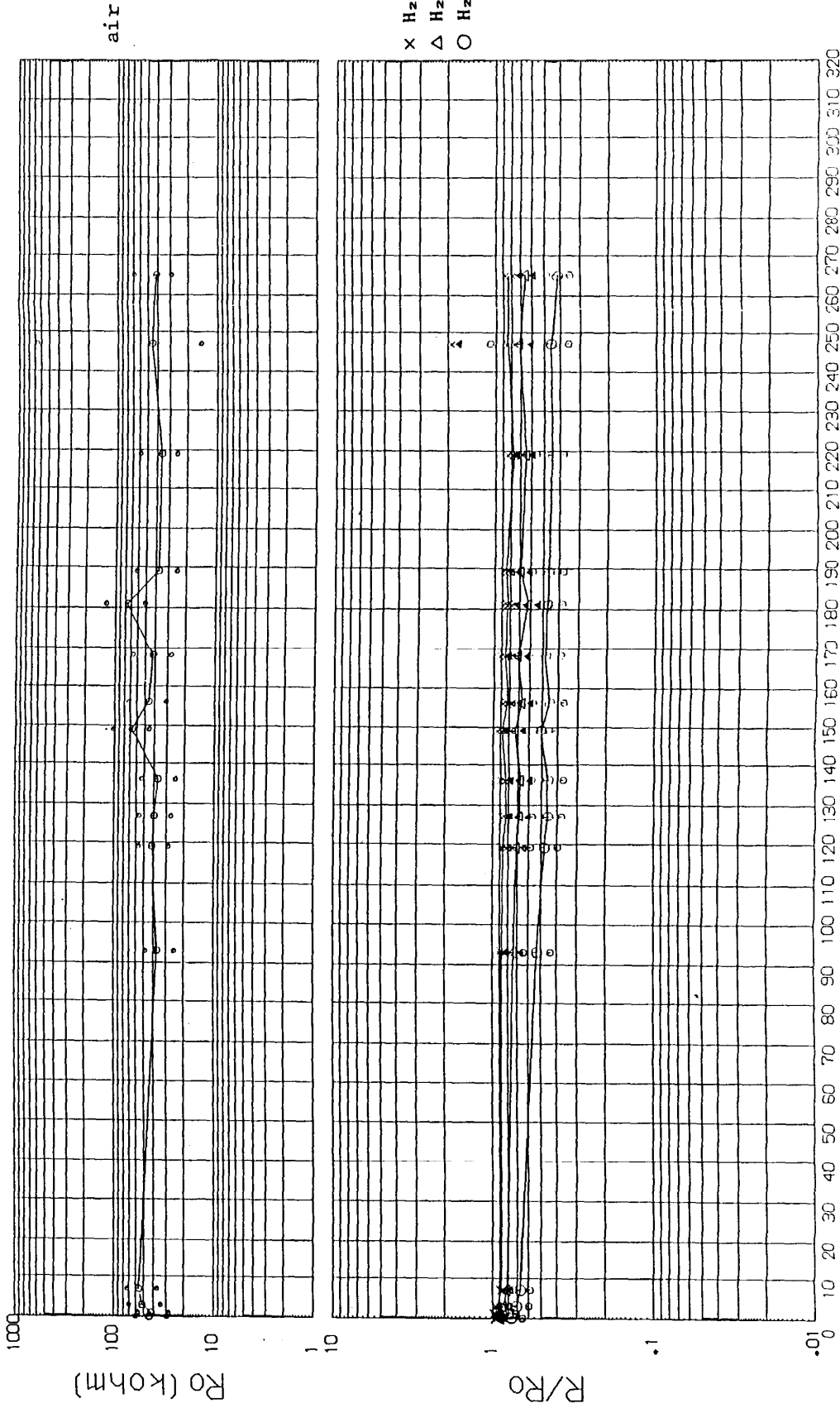
Time Dependency

Start Date: 87/01/07

VC= 10 V

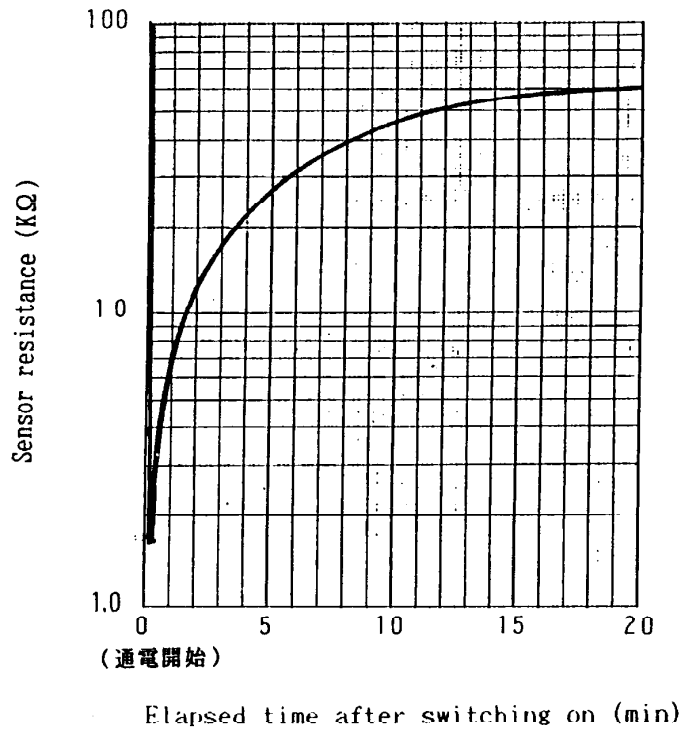
WH= 5 V

RL= 4 kohm



TGS800R

Initial Action



Notes: *Stored 1 month without energing
in clean air during summertime
in Japan
*Measured in clean air