

# Gas Stove Temperature Sensor

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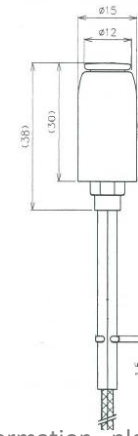
## Features

- ❑ High heat resistance
- ❑ Long life with unique material composition
- ❑ 99.9% Market share in Japan & Korea



## Specification

|                             |  |
|-----------------------------|--|
| Resistance value            | $R_{200}=1.1k\Omega \pm 5\%$ (example) |
| B constant                  | $R_{100/200}=4500K \pm 3\%$ (example)  |
| Heat dissipation constant   | About 0.9mW/°C                         |
| Thermal time constant       | About 4 sec (Hot plate)                |
| Operating temperature range | -20°C~300°C                            |



For more information, please contact to agent.

## Reliability test

|                       |  |
|-----------------------|--|
| High temperature test | 350°C × 1000h (element)                            |
| Low temperature test  | -20°C × 1000h                                      |
| Thermal shock test    | 350°C ⇄ Room temp 5 min each, 10,000 cycles        |
| Humidity test         | 40°C-95%RH × 1000h                                 |
| Sliding test          | Sliding 0-22mm at room temperature × 300,000 times |

## Applications

Gas Stove Anti-Dry function

Gas Stove Temperature Control

