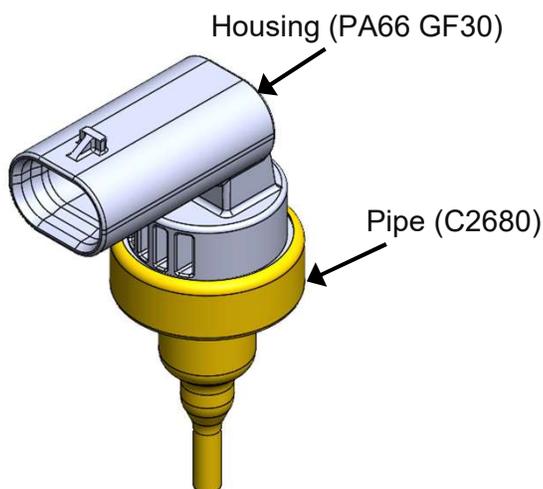


# Sensor for automotive coolant

## SEMITEC's Automotive Coolant Sensor

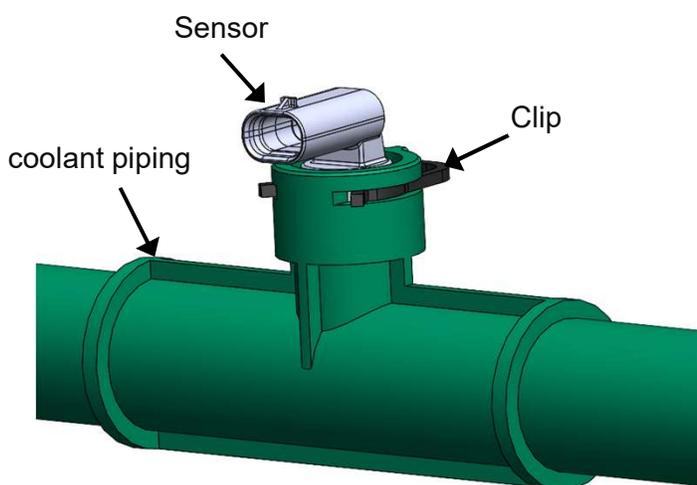
Designed for quick and easy attachment to coolant piping, this high-response sensor delivers accurate temperature measurement by directly exposing the sensor tip to coolant flow. With its compact outer diameter and components engineered for excellent thermal conductivity, the sensor achieves rapid sensitivity to even the smallest temperature changes—ensuring reliable performance in demanding automotive environments.

### Appearance and shape

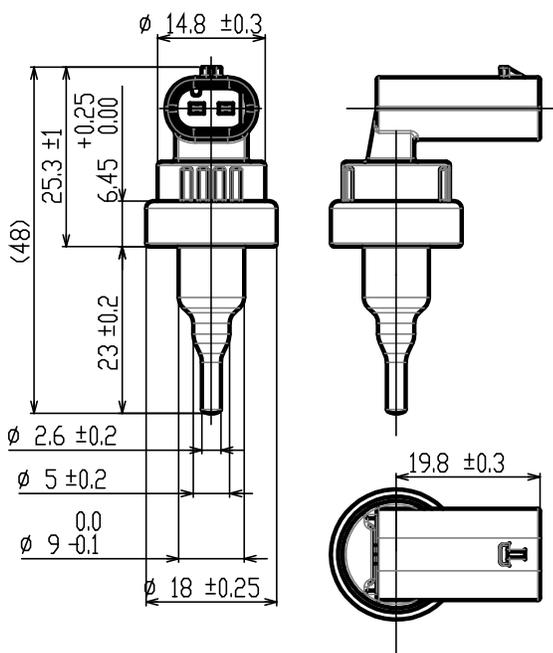


### How to use

Attached to the sensor mounting part on the piping and fixed with a clip



[Units : mm]



### Basic specifications

| Item                       | Detail   |
|----------------------------|--|
| Electrical characteristics | Resistance at 25°C : 5kΩ±2%<br>B constant (B25/85) : 3964±2% |
| Operating temperature      | -40°C~150°C  |
| Thermal time constant      | 3 seconds or less  |
| Installation method        | Snap Fit Design<br>(Seal with O-ring and secure with clip)   |

If you have any questions/concerns with sensing, please contact us.

