

# Vacuum Switch

- Essential functions at a low price
- Accumulated experience and reliability in vacuum pressure detection

## Background or Challenges

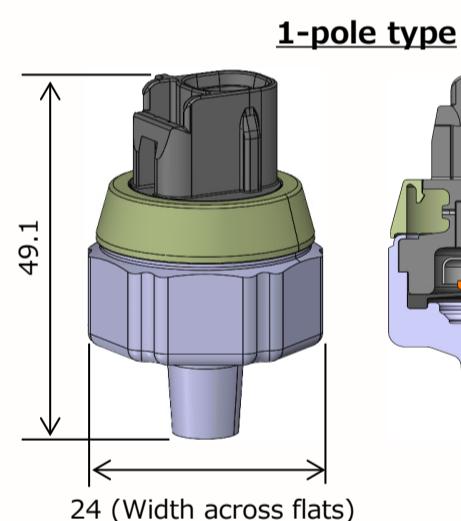
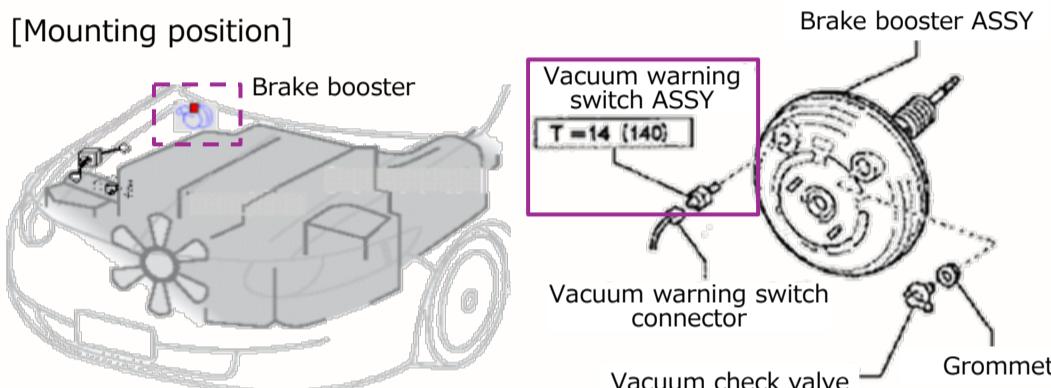
- ① Compact and lightweight design
- ② Use in places where body grounding is not available

## Solutions to Challenges or Features

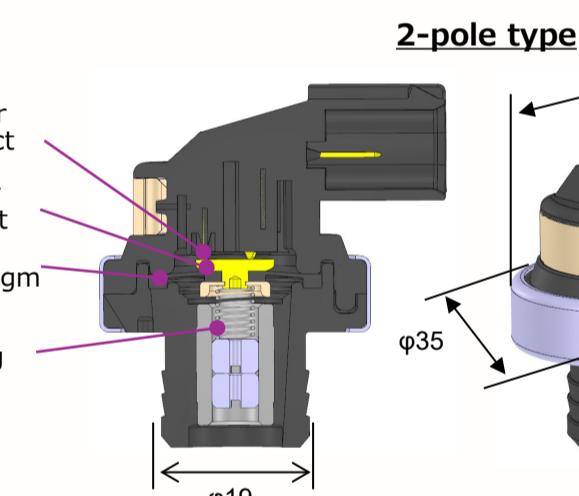
### ① Compact and lightweight design

#### [Basic performance]

- Operating pressure: -13.3kPa (adjustable)
- Operating temperature: -30°C~100°C
- Measurement medium: air (vacuum pressure)
- Mass: 53g for 1-pole, 42g for 2-pole



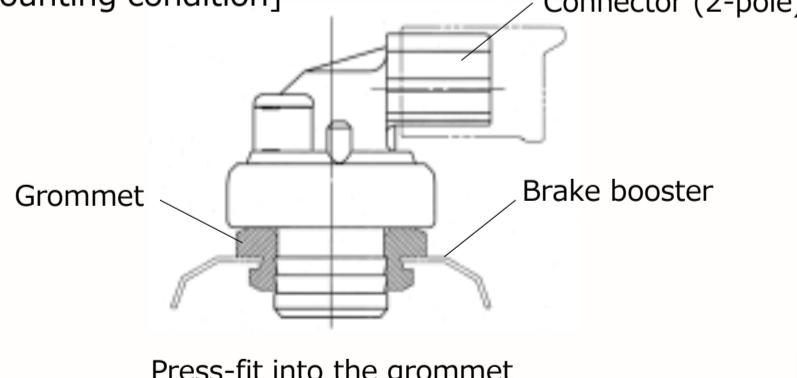
Upper contact  
Lower contact  
Diaphragm  
Spring



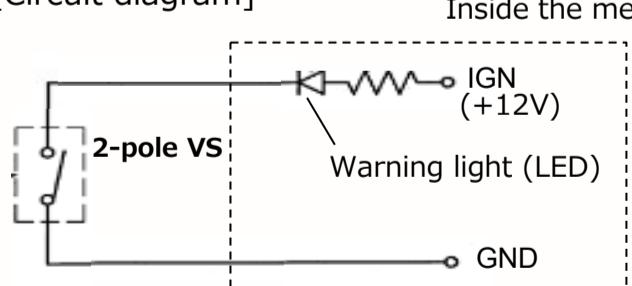
**Compact and lightweight, making it easy to install in narrow spaces**

### ② Use in places where body grounding is not available (2-pole type)

#### [Mounting condition]



#### [Circuit diagram]



Inside the meter

**Mountable on non-conductive materials without body grounding**

## Production results

1-pole type: 800k units/year started in 1970  
2-pole type: 2.4M units/year started in 2006