



# Diagnostic Micro Switch

## ASQMR Series

**Panasonic**  
INDUSTRY

### Resistor-based detection of lead wire break and short circuit

Functional safety is a matter of reliable components – with contemporary and integrated monitoring, respectively detecting functions to prevent applications from crucial failures. The new ASQMR series of IP67 micro switches now allows the easy detection of lead wire break or short circuit via an installed chip resistor, which sets different output voltage levels for normal versus failure mode.

## Key Features

- Smallest diagnostic switch on the market
- IP67 protected
- Long stroke
- Silent operation with sliding contact
- Insertion lever with high reset force
- Excellent shock and vibration resistance
- High contact reliability
- 2012 chip resistor (0.5W 70°C)



### Automotive

- Latch applications
- Seat detection
- Charging- and fuel lid



### Industrial Automation

- Actuator failure detection
- Emergency stop
- Safety functions



### Building Automation

- Alarm equipment
- Safe window monitoring
- Safe door monitoring



For further Information, please contact [info.pieu@eu.panasonic.com](mailto:info.pieu@eu.panasonic.com)

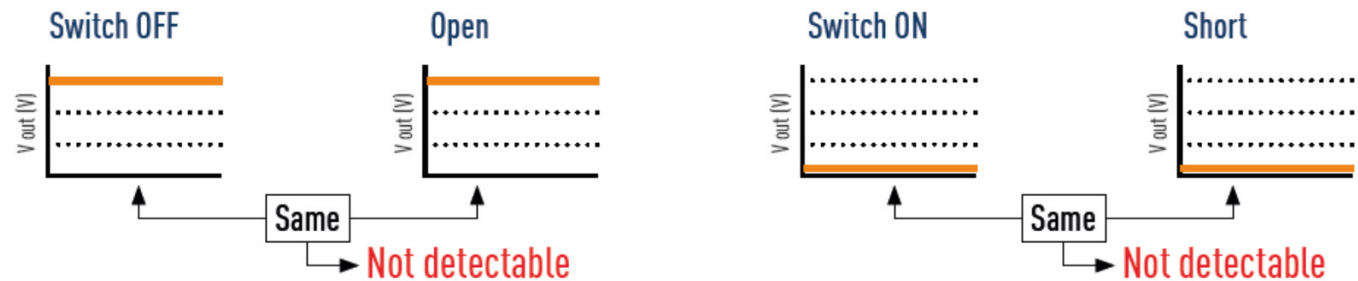
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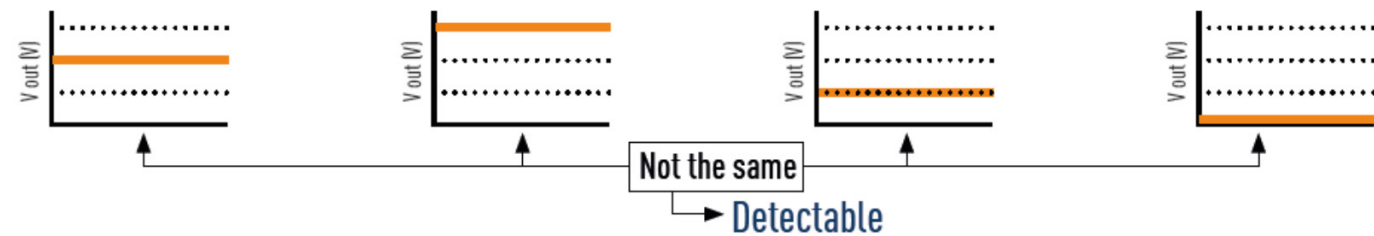
**Panasonic**  
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without  
Resistor



Resistor  
installed



Discuss applications & request samples [info.pieu@eu.panasonic.com](mailto:info.pieu@eu.panasonic.com)