## OUTER DIMENSIONS AND PART NAMES

### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>OA-72C</th>
<th>Output</th>
<th>Form C relay</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Silver</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mounting height</td>
<td>2.8 (6&quot;) to 4.0 (10&quot;)</td>
<td>Output hold time</td>
<td>Approx. 0.5s.</td>
</tr>
<tr>
<td>Detection area</td>
<td></td>
<td>Response time</td>
<td>-0.3 (4&quot;)</td>
</tr>
<tr>
<td>Detection method</td>
<td>Active Infrared Reflection</td>
<td>Operating temperature</td>
<td>-20°C to +55°C (+F to 131°F)</td>
</tr>
<tr>
<td>Depth angle adjustment</td>
<td>-15° to +15°</td>
<td>Weight</td>
<td>250g (11.2oz)</td>
</tr>
<tr>
<td>Width angle adjustment</td>
<td>-10° to +10°</td>
<td>Accessories</td>
<td>1  Cable 3m (9'10&quot;)</td>
</tr>
<tr>
<td>Power supply</td>
<td>1-12VDC (±10%)</td>
<td>Red</td>
<td>2nd row detection</td>
</tr>
<tr>
<td>Power consumption</td>
<td>1-15W (85VA)</td>
<td>Green</td>
<td>1st row detection</td>
</tr>
<tr>
<td>Operation LED</td>
<td>Green</td>
<td>Stand-by</td>
<td>Red / Full detection</td>
</tr>
<tr>
<td></td>
<td>Orange</td>
<td>Stand-by</td>
<td>Orange</td>
</tr>
</tbody>
</table>

### DETECTION AREA

- **Sensor setting**: Depth angle adjustment -0°
- **Emitting spots**: Can be eliminated

### INSTALLATION

1. Affix the mounting template at the desired mounting position.
2. Drill a mounting hole (recommended diameter: ø30mm (5"))
3. Remove the mounting template.

### TROUBLESHOOTING

#### CHECKING

- Check the operation according to the chart below.
- **Possible causes**: Power supply voltage. Set to the stated voltage.
- **Possible countermeasures**: Check the wiring of the connector.

#### INFORM BUILDING OWNER / OPERATOR OF THE FOLLOWING ITEMS

- **Problem 1**: Do not paint the detection window.
- **Possible causes**: Do not disassemble, rebuild or repair the sensor yourself, otherwise an electric shock may occur.
- **Possible countermeasures**: Contact your installer or service engineer when changing the settings.
- **Problem 5**: Do not paint the detection window.
- **Possible causes**: Do not disassemble, rebuild or repair the sensor yourself, otherwise an electric shock may occur.
- **Possible countermeasures**: Contact your installer or service engineer when changing the settings.

#### WARNING

- Do not paint the detection window.
- Do not disassemble, rebuild or repair the sensor yourself, otherwise an electric shock may occur.
- Always contact your installer or service engineer when changing the settings.

### MANUFACTURER’S STATEMENT

**CAUTION**

- Make sure that the detection window faces the floor surface. When it faces the wall or the ceiling, the sensor may not operate properly.
- **WARNING**

**WARNING**

- Do not use the product manually carelessly, before use to ensure proper operation of the product.
- Failure to read this operation manual may cause improper operation and may result in serious injury or death of a person.
- The meanings of the symbols are as follows:
  - !WARNING:
    - Damage of the warning symbol can cause improper operation which may cause death or serious injury.
  - !CAUTION:
    - Damage of the caution symbol can cause improper operation which may cause injury of a person or damage the object.

**NOTE**

- Special attention is required to the section of this symbol.
- 1. This product is a non-contact switch intended for ceiling mount for use on automatic sliding doors.
  - Do not use for any other applications.
  - 2. When setting the sensors detection area, make sure that there is no traffic around the installation site.
  - 3. Before turning the power ON, check the wiring to prevent damage or malfunction of equipment connected to the product.
  - 4. Only use the product as specified in the operation manual provided.
  - 5. Be sure to install and adjust the sensor in accordance with the local laws and standards of the country in which the product is installed.
  - 6. Before leaving the installation site make sure that the product is properly installed and the building owner/operator on proper operation of the product and the product.
  - 7. The product settings can only be changed by an installer or service engineer. When changed, the changed settings and the date shall be registered in the maintenance logbook accompanying the door.

**WARNING**

- Do not wash, disassemble, rebuild or repair the sensor, otherwise it may cause electric shock or breakdown of the equipment.

**WARNING**

- Danger of electric shock

**NOTE**

- The following conditions are not suitable for sensor installation:
  - For an exhaust air emission around the sensor.
  - Wet floor.
  - Vibrating header or mounting surface.
  - Moving objects, steel plate, emergency lights, or illumination in the detection area or in vicinity
  - Highly reflecting floor or highly reflecting objects around the door

**CAUTION**

- Risk of getting caught

**WARNING**

- Before starting the procedure, ensure that the power is turned OFF. When passing through the cable to the hole, make sure not to tear the shield, otherwise it may cause electric shock or breakdown of the sensor.

**WARNING**

- Do not wash, disassemble, rebuild or repair the sensor, otherwise it may cause electric shock or breakdown of the equipment.