**MS01 Daylight Sensor**

**SPECIFICATIONS**

- Operating voltage: 1–10Vdc
- Max. current sink: 50mA (Maximum rating)
- Dimming range: 1%–100%
- Color coding of cable: Red+, Black-
- Cable length: 80cm
- Detection angel: 90°
- Operating temperature: -0°C – 45°C
- IP rating: IP20

When the ambient light is larger than the present illumination level (Set by 1-10V daylight sensor), the lamp stays off. When the ambient light is below the present illumination level, the lamp switches on when motion is detected. The lamp light dims to maintain its present illumination level against the ambient light. If there is sufficient ambient light, the lamp turns off at once, even with motion trigger. If there is insufficient ambient light, the lamp dims to a stand-by dimming level (Set in the motion sensor) when no motion is detected during hold time, it will switch off after stand-by period.

Connecting to 1-10V interface and using photocell to measure the ambient lux level and automatically calculate how much artificial light is needed.

**Accessories**

- Automatically switches on when motion is detected
- Automatically switches off

**Motion Sensor**

**1-10V Dimmable Control Gear**

**High bay & low bay**

**Linear & batten**
Connecting to 1-10V interface and using photocell to measure the ambient lux level and automatically calculate how much artificial light is needed.

<table>
<thead>
<tr>
<th>Function</th>
<th>Automatically switches on when motion is detected</th>
<th>Dimming Range</th>
<th>Dimming level at stand-by period</th>
<th>Automatically switches off</th>
</tr>
</thead>
<tbody>
<tr>
<td>MS01 1-10V dimmable ballast or LED driver</td>
<td>N</td>
<td>1%-100%</td>
<td>N/A</td>
<td>N</td>
</tr>
<tr>
<td>MS01 ON-OFF function sensor + 1-10V dimmable ballast or LED driver</td>
<td>Y</td>
<td>1%-100%</td>
<td>N/A</td>
<td>Y</td>
</tr>
<tr>
<td>MS01 Dimming function sensor + 1-10V dimmable ballast or LED driver</td>
<td>Y</td>
<td>1%-100%</td>
<td>Remains the present level on the sensor</td>
<td>Y</td>
</tr>
</tbody>
</table>