Your signal tower washdown problems are looking up.

LS7-9 LED SIGNAL TOWER
High pressure, high temperature, maximum washdown protection.
HYGIENIC DESIGN & CLEANING FRIENDLY

THE LS7-9 LED SIGNAL TOWER
Made to take the High temperature, High pressure washdowns associated with food processing and other extreme cleaning conditions.

Meat/poultry/fish processing facilities need to keep equipment clean of salmonella and other bacterial issues. This requires high-pressure & high-temperature washdowns to eliminate bacteria growth. As a result many signal towers and other components get damaged and have to be replaced. A faulty signal tower, compromises safety and run time. The signal tower is a key part of your operation and is used to tell machine operators the status of the machine. If the user has a faulty signal tower, they’re not running efficiently and they may be missing some vital cues that keep the process running smoothly.

The days of covering signal towers and other sensitive components with plastic bags before washdowns, are over with the LS7-9 LED Signal Tower.

LS7-9 OPTIONS

M12 CONNECTOR & CABLE Manufactured by the OMRON Corp.
SZ-120-02 Cable Length 2m (XS2F-D821-DHO-R)
SZ-120-05 Cable Length 5m (XS2F-D821-GHO-R)
SZ-120-10 Cable Length 10m (XS2F-D821-JHO-R)

LS7-9 REPLACEMENT PARTS

SILICON O-RING, Z35721039
POLYCARBONATE OUTER COVER, B45110011-F1
UNIQUE FEATURES OF THE LS7-9

SMOOTH-SURFACED BODY PROTECTION
Our smooth surface body design, reduces the adhesion of water, dust and other contaminants. The body structure covers screws, shafts, etc., that otherwise would be exposed. This is ideal for applications in the lithium ion battery manufacturing, food processing and pharmaceutical industries. The cover is made of shock-resistant polycarbonate, reducing the risk of environmental stress cracks.

DYNAMIC HIGH-CONTRAST VISIBILITY
Our inner lens LED emits a more even and efficient light. The contrast is increased when the Signal Tower lights up or flashes, with a distinguishable signal color that dramatically improves visibility.

QUALITY YOU CAN COUNT ON
The LS7-9 has passed various tests for water resistance, dust, temperature, and variable vibration frequency tests to ensure performance in a variety of environments.

M12 CONNECTOR WIRING SIMPLICITY
The stackable design and M12 quick disconnect connector (Cable Sold Separately) can drastically reduce labor and time - making removing and relocating smoother.*
Load Wiring is also available.

OUTSTANDING BUZZER SOUND
The alarm for the LS7-9 was designed with special frequencies so it can be heard above the noise of cutting machines.

FOOD-GRADE 1/2" NPT BRACKET
MADE OF DELRIN
Easy to mount with a 1/2" NPT pole.

* When using an M12QD only 1 buzzer sound is available.
### Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Number of Lighting Units</th>
<th>Body Color</th>
<th>Rated Voltage</th>
<th>Mounting</th>
<th>Rated Current Consumption</th>
<th>Maximum Rated Current</th>
<th>Maximum Sound Pressure</th>
<th>Operating Temperature Range</th>
<th>Protection Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS7-302-9</td>
<td>3 Tiers</td>
<td>Off-white</td>
<td>DC 24V (±10%)</td>
<td>1/4 NPT Natural White (N) or Dark Gray (D)</td>
<td>Red: 20mA</td>
<td>Red: 35mA</td>
<td>-30°C - 60°C</td>
<td>Illumination Type IP65K</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dark Gray</td>
<td></td>
<td></td>
<td>Yellow, Green, Blue, White: 30mA</td>
<td>Yellow, Green, Blue, White: 40mA</td>
<td>Buzzer: 40mA</td>
<td></td>
<td>Buzzer Type IP65K</td>
</tr>
<tr>
<td>LS7-502-9</td>
<td>5 Tiers</td>
<td>Silver</td>
<td></td>
<td></td>
<td>Buzzer: 55mA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**LED Signal Tower LS7-**

- **No. of Lighting Units**: 3 or 5 Tiers
- **Body Color**: No Mark - Off-white
- **Wiring**: M12 Connector
- **LED Color**: Red, Yellow, Green, (Blank), (Blank)
- **Wiring**: M12 Connector
- **LED Color**: Red, Yellow, Green, (Blank), (Blank)
- **Buzzer**: No Mark - No Buzzer

**Diagram (Unit: mm)**

- **Illumination Model**
- **Buzzer Model**

**M12 Connector PIN Wiring Diagram**

- **1. White LED**
- **2. Blue LED**
- **3. Green LED**
- **4. Yellow LED**
- **5. Power**
- **6. Red LED**
- **B. with Buzzer Option**