### Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>NE-ILNB-M</th>
<th>NE-ILTB-M</th>
<th>NE-ILX8-M</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Size</strong></td>
<td>Φ56mm</td>
<td>Φ56mm</td>
<td>Φ56mm</td>
</tr>
<tr>
<td><strong>Rated Voltage</strong></td>
<td>24V DC</td>
<td>24V DC</td>
<td>24V DC</td>
</tr>
<tr>
<td><strong>Mounting Location</strong></td>
<td>Indoors, Upright</td>
<td>Indoors, Upright</td>
<td>Indoors, Upright</td>
</tr>
<tr>
<td><strong>Protection Rating</strong></td>
<td>IP65, NEMA TYPE 4 X, 13</td>
<td>IP65, NEMA TYPE 4 X, 13</td>
<td>IP65, NEMA TYPE 4 X, 13</td>
</tr>
<tr>
<td><strong>LED Color</strong></td>
<td>Multi-color (Red, Amber, Green, White, Purple, Cyan)</td>
<td>Multi-color (Red, Amber, Green, White, Purple, Cyan)</td>
<td>Multi-color (Red, Amber, Green, White, Purple, Cyan)</td>
</tr>
<tr>
<td><strong>LED Unit Modes</strong></td>
<td>Continuous / Flashing</td>
<td>Continuous / Flashing</td>
<td>Continuous / Flashing</td>
</tr>
</tbody>
</table>

### IO-Link Signal Beacons NE-IL

- **Model**: NE-ILNB-M, NE-ILTB-M, NE-ILX8-M
- **Size**: Φ56mm
- **Rated Voltage**: 24V DC
- **Mounting Location**: Indoors, Upright
- **Protection Rating**: IP65, NEMA TYPE 4 X, 13
- **LED Color**: Multi-color (Red, Amber, Green, White, Purple, Cyan)
- **LED Unit Modes**: Continuous / Flashing

### IO-Link Signal Tower LR6-IL

<table>
<thead>
<tr>
<th>Model</th>
<th>LR6-3ILWMNW-RYG</th>
<th>LR6-ILWMNW</th>
<th>LR6-ILWCNW</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Size</strong></td>
<td>Φ60mm</td>
<td>Φ60mm</td>
<td>Φ60mm</td>
</tr>
<tr>
<td><strong>Rated Voltage</strong></td>
<td>24V DC</td>
<td>24V DC</td>
<td>24V DC</td>
</tr>
<tr>
<td><strong>Mounting Location</strong></td>
<td>Indoors, Upright</td>
<td>Indoors, Upright</td>
<td>Indoors, Upright</td>
</tr>
<tr>
<td><strong>Tier</strong></td>
<td>3 tiers</td>
<td>3 tiers</td>
<td>3 tiers</td>
</tr>
<tr>
<td><strong>LED Color</strong></td>
<td>Red / Amber / Green</td>
<td>Red / Amber / Green</td>
<td>Red / Amber / Green</td>
</tr>
<tr>
<td><strong>LED Unit Modes</strong></td>
<td>Continuous / Flashing</td>
<td>Continuous / Flashing</td>
<td>N/A - LED units are sold separately</td>
</tr>
<tr>
<td><strong>Buzzer Sound Pressure</strong></td>
<td>Typ. 88 dB (8 sound types (Selectable))</td>
<td>N/A - Buzzer Sound Pressure not selectable</td>
<td>N/A - Buzzer Sound Pressure not selectable</td>
</tr>
<tr>
<td><strong>Buzzer Sound Selection</strong></td>
<td>4 sound types (Selectable) (Use LR6-BW)</td>
<td>N/A - Buzzer Sound Selection not selectable</td>
<td>N/A - Buzzer Sound Selection not selectable</td>
</tr>
<tr>
<td><strong>Connection</strong></td>
<td>M12 connector 5 pins - A code</td>
<td>M12 connector 8 pins - A code</td>
<td>M12 connector 8 pins - A code</td>
</tr>
</tbody>
</table>

### How to Order

- **NE-ILB-M**: Touch Sensor X: With touch sensor and digital / analog input, T: With touch sensor, N: No touch sensor
- **LR6-3ILNW-RYG**: M: Multi-color, B: With Buzzer
- **LR6-ILWMNW**: Body Unit
- **LR6-ILWCNW**: Body Unit (1/2” NPT pipe or direct mount)
- **Body Color**: W: Off-White
- **LED Unit Color**: RYG: Red, Amber, Green
- **Tier**: 3 tiers
- **Buzzer**: B: With Buzzer, N: No Buzzer

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**CAUTION**

To ensure correct use of these products, read the “Instruction Manual” prior to use. Failure to follow all safeguards can result in fire, electric shock, or other accidents. Specifications are subject to change without notice.
IO-Link is an open-standard protocol that enables bi-directional data communication between devices and the master. Incorporate PATLITE signal devices into IO-Link to facilitate and enhance manufacturing processes.

Solution 01: Automotive Production Line
- Reduce wiring costs and device setup time.
- Call for parts and notify managers of issues.

Solution 02: Food and Beverage Production Line
- Acquire real-time equipment status and collect operational metrics.

Solution 03: Various Industrial Equipment

Solution 04: Devices Not Compatible with IO-Link
- Enables integration of non-compatible devices into IO-Link.
When an issue arises, the personnel at the production site touches the NE-IL to activate the visual and audible alarms of the NE-IL at the manager’s site. The manager instantly notices the alarms, and determines where and what the issue is according to the illuminated color. The manager can touch the NE-IL to send notification back to the production site to indicate that help is on the way.

**Anticipate issues and enhance predictive maintenance**

The IO-Link master acquires real-time operational data of the sensors and other devices that are connected. This data can be monitored remotely, and collected for further analysis.

When device abnormalities such as water or dust obstruction is detected, the IO-Link master sends commands to the LR6-IL Signal Tower to activate its visual and audible alarms to indicate the specific problem. Identify device issues before it happens to avoid equipment malfunctions and halts in production.

**Help is coming!**

For devices that are not compatible with IO-Link, the digital / analog inputs on the NE-ILXB-M model can be used as an IO-Link hub. Real-time sensor metrics are sent to the beacon, which sends this data to the master. The master can then send specific commands to activate the beacon alarms.

**Devices Not Compatible with IO-Link**

With 7 colors achievable on the NE-IL signal beacon, it is possible to color-code multiple statuses. The master sends commands to activate a specific NE-IL beacon to indicate which device / equipment requires maintenance. Once maintenance is complete, touch the NE-IL to confirm back to the master.
**Features**

- 2-way communication (commands from the master and indications via touch sensor)
- Buzzer can be sounded in combination with continuous/flashing light and touch sensor
- Digital/analog input to connect devices that are not compatible with IO-Link (XB model only)

**Durable and Versatile**

- Touch sensor is able to detect bare or gloved hands - even when wet
- High protection rating for operation in harsh environments (IP65)
- Compatible with M12 connector for easy connection

**Other Application Examples**

- Pick-to-light
- Status indications at production cells
- Real-time equipment status monitoring

**Options**

- Upper Bracket NE-0010
- Wall Mount Bracket NE-0020
- 1/2" NPT Bracket SZP-002D

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**Signal Tower LR6-IL**

**Features**

- Pre-assembled model
- Body unit (Direct mount)
- Body unit (1/2" NPT pipe or direct mount)
- M12 connector for easy connection
- Select from a variety of LED colors and buzzer sounds

**Compatible Units**

- Solid Color LR6-E-R/Y/G/B/C
- Clear Globe LR6-E-RZ/YZ/GZ/BZ
- Multi-Color LR6-E-MZ
- Buzzer Unit LR6-8W

**Wireless Data Acquisition System Transmitter**

- Cost-effective, retrofit solution for select PATLITE Signal Towers enabling wireless data acquisition and real-time monitoring.

**Options**

- Wall Mount Bracket SZX-003W
- Pole Bracket SZE-015A
- Pole POLE-800A21
- POLE-300A21
- POLE-100A21

- Upper Bracket SZE-010