Model FSEX-HI

Explosion-Proof Hearing Impaired Strobe Light

Model FSEX-HI explosion-proof strobe light produces 80 high-intensity flashes per minute. This warning light operates on 24VDC and is unique to the market because it covers an entire range of possible mounting configurations – including dome up. This light is designed for use in alarm notification systems and is compatible with fire alarm and suppression supervised control panels and power boosters.

Model FSEX-HI features a voltage in-rush limiting PCB design that provides greater compatibility with factory automation control systems and less electrical interference with in-rush sensitive devices.

Model FSEX-HI is specifically designed for explosion-proof atmospheres and/or corrosive environments. Since it is easy to install and requires very low maintenance, it is ideal for use in areas such as oil rigs, mines, refineries, and chemical plants.

**FEATURES**

- Approved for mounting in any manner— including dome up
- Synchronize with SSM module
- Current limited
- 10,000 hour strobe tube
- 3/4” NPT pendant, ceiling and wall mount options available
- Dome guard optional
- Conformal coated PCB
- Type 4X, IP66 enclosure
- IP69K compliant
- Marine Rated
- CSFM Approved
- UL Listed for Class I, Division 1, Group C and D; Class I, Division 2, Groups A, B, C, and D; Class II, Division 1, Groups E, F, and G; Class III
- UL Fire Listed

**HAZARDOUS LOCATION RATING: FSEX-HI**

<table>
<thead>
<tr>
<th>Hazardous Location</th>
<th>40°C</th>
<th>65°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class I, Division 1, Groups C, D</td>
<td>T6</td>
<td>T4A</td>
</tr>
<tr>
<td>Class I, Division 2, Groups A, B, C, D</td>
<td>T2B</td>
<td>T2A</td>
</tr>
<tr>
<td>Class II, Division 1, Groups E, F, G</td>
<td>T6</td>
<td>T4A</td>
</tr>
<tr>
<td>Class III</td>
<td>T6</td>
<td>T4A</td>
</tr>
</tbody>
</table>

1 See “how to order” for mounting options
2 Peak candela is the maximum light intensity generated by a flashing light during its light pulse
Explosion-Proof Hearing Impaired Strobe Light (FSEX-HI)

### Specifications
- Lamp Life: 10,000 Hours
- Light Source: Strobe tube
- Operating Temperature Range: -31°F to 150°F (-55°C to 65°C)
- Net Product Weight:
  - Signal without Mounting: 13.9 lbs (6.3 kg)
  - Ceiling Mount: 4.5 lbs (2.0 kg)
  - Pendant Mount: 2.0 lbs (0.9 kg)
  - Wall Mount: 5.9 lbs (2.7 kg)

### How to Order
Specify Model:
FSEX-HI-MOD – Hearing Impaired Explosion-Proof Strobe Light

Specify Mounting:
- Ceiling Mount
- Pendant Mount
- Wall Mount

### Replacement Parts

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exterior Dome Assembly, Red</td>
<td>K8436147A-01</td>
</tr>
<tr>
<td>24VDC Mechanism</td>
<td>K8436107F-03</td>
</tr>
<tr>
<td>Strobe Tube</td>
<td>K8107159A</td>
</tr>
<tr>
<td>PC Assembly, 24VDC</td>
<td>K2001918B-01</td>
</tr>
</tbody>
</table>

### Optional Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dome Guard</td>
<td>DGXCSB</td>
</tr>
<tr>
<td>Strobe Synchronization Module</td>
<td>SSM</td>
</tr>
</tbody>
</table>

* Mounting kit must be ordered with unit, sold separately.