



(Shown with pendant mount)

► Model FSEX-HI

## Explosion-Proof Hearing Impaired Strobe Light

Model FSEX-HI explosion-proof strobe light produces 60 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

| MODEL                          | VOLTAGE | OPERATING CURRENT         | FLASH RATE / MINUTE | CANDELA PEAK <sup>2</sup> | UL 1971 | ECP |
|--------------------------------|---------|---------------------------|---------------------|---------------------------|---------|-----|
| <b>FSEX-HI-MOD<sup>1</sup></b> | 24VDC   | 1.90 A<br>(3.0 A in-rush) | 60                  | 2,000,000                 | 150     | 850 |

<sup>1</sup> See "how to order" for mounting options

<sup>2</sup> Peak candela is the maximum light intensity generated by a flashing light during its light pulse

### HAZARDOUS LOCATION RATING: FSEX-HI

| T-CODE AT MAXIMUM AMBIENT TEMPERATURE, °C |      |      |
|-------------------------------------------|------|------|
| Hazardous Location                        | 40°C | 65°C |
| Class I, Division 1, Groups C, D          | T6   | T4A  |
| Class I, Division 2, Groups A, B, C, D    | T2B  | T2A  |
| Class II, Division 1, Groups E, F, G      | T6   | T4A  |
| Class III                                 | T6   | T4A  |

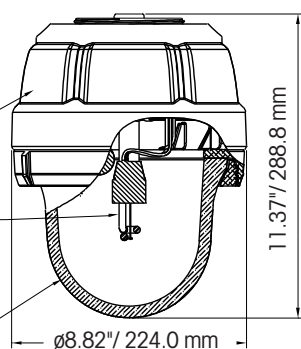
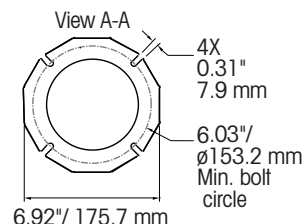
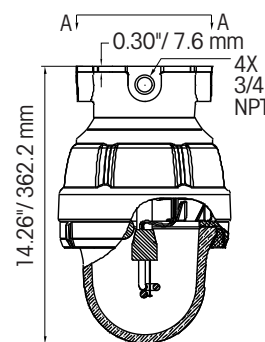
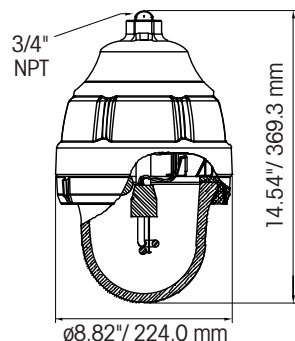
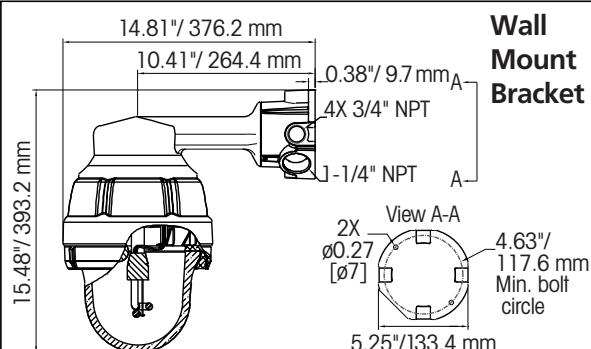
## Explosion-Proof Hearing Impaired Strobe Light (FSEX-HI)

**Standard Strobe Model**

Cast Aluminum  
Corrosion-Resistant  
Explosion-Proof  
Housing

High Intensity  
Strobe Tube

Glass Dome

**Ceiling Mount****Pendant Mount****Wall Mount Bracket**

## S P E C I F I C A T I O N S

|                              |                |               |
|------------------------------|----------------|---------------|
| Lamp Life:                   | 10,000 Hours   |               |
| Light Source:                | Strobe tube    |               |
| Operating Temperature Range: | -67°F to 150°F | -55°C to 66°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        |

## R E P L A C E M E N T P A R T S

| Description                 | Part Number  |
|-----------------------------|--------------|
| Exterior Dome Assembly, Red | K8436147A-01 |
| 24VDC Mechanism             | K8436107F-03 |
| Strobe Tube                 | K8107159A    |
| PC Assembly, 24VDC          | K2001918B-01 |

## H O W T O O R D E R

**Specify Model:**

**FSEX-HI-MOD** – Hearing Impaired Explosion-Proof Strobe Light

**Specify Mounting:\***

| Description   | Part Number |
|---------------|-------------|
| Ceiling Mount | CMXC-R-SB   |
| Pendant Mount | PMXC-R-SB   |
| Wall Mount    | WMXC-4R-SB  |

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

## O P T I O N A L A C C E S S O R I E S

| Description                   | Part Number |
|-------------------------------|-------------|
| Dome Guard                    | DGXC-SB     |
| Strobe Synchronization Module | SSM         |