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**EPCS-PL-LED-120V-A-XXL**

# 12mA Explosion Proof LED Pilot Light - Class I, II, III - 120V AC/DC, Extended Barrel - Amber - TB - N4X

**Product ID: 272105**

**Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).**



**Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.**

**EPCS-PL-LED-120V-A-XXL Extended LED Pilot Light**
**Listing:** NRTL Listed for United States, Canada, Europe, International
**Unit Type:** Explosion Proof Pilot Light
**Dimensions:** 4.2" x 1.8" x 1.8"
**Weight:** 0.25 lbs
**Voltage Rating: 120V AC/DC**
**Frequency:** 50/60 Hz
**Watts:** 1.5W
**Amp Rating:** 12mA
**LED Lifespan:** 50,000+ Hours
**Light Color:** Amber
**Thread Length:** 2.24" (55mm)
**Design:** Extended Barrel
**Ambient Operating Temp:** -50°C to +60°C
**Materials:** Aluminum and Stainless Steel
**Mount:** Surface/Panel
**Wiring:** Terminal Blocks
**Body:** 3/4"-14 NPSM Threaded

**Ratings/Approvals**
Class I, Divisions 1&2 Groups B,C,D
Class II, Divisions 1&2 Groups E,F,G
Class III
ATEX/IECEx Rated
Ex II 2G Ex db IIC Gb
Ex II 2D Ex tb IIIC Db
NEMA 4X
IP66

**Special Orders - Special Requirements**
Contact us for special requirements

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**The EPCS-PL-LED-120V-A-XL from Larson Electronics is an Explosion Proof LED Pilot Light that is suitable for preventing the ignition of**

**external, flammable atmospheres in combustible sites. This 120V AC/DC unit features a extended barrel, threaded design for installation in thick panels. The explosion proof device comes with terminal blocks for wiring connections.**

The EPCS-PL-LED-120V-A-XL is rated for Class I, II and III, as well as ATEX/IECEx rated facilities. This extended-barrel unit operates with 120V AC/DC at 12mA. During use, the LED pilot light provides amber output. This NEMA 4X rated device features a 3/4"-14 NPSM threaded body. For protection in hazardous locations, the explosion proof pilot light is constructed of aluminum and stainless steel. The IP66 rated unit features terminal blocks for wiring connections.

**LED Benefits:** Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current applied and emitting light. With LED lights, there is no warm up time or cool down time before re-striking and provide instant illumination when powered on, adding to the reliability of LED technology. By nature, LED light sources run significantly cooler than traditional lamps, reducing the chance of accidental burns and increased temperatures due to heat emissions. This solid state design of light emitting diodes provides a more reliable, stable, durable, and energy efficient light source over traditional lighting.

**Mounting:** This pilot light is compatible with panel or surface mounting applications.

**Applications:** Chemical processing facilities, food processing plants, oil refineries, agricultural sites, grain storage facilities, metal processing and more.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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# Frequently Asked Questions (FAQ)

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**Product ID: 272105**

**Harmonized System (HS) Code:** 9405.41.84.10

**Export Control Classification Number (ECCN):** EAR99

Links (Click on the below items to view):

- **Dimensional Drawing 2D**
- **Operations Manual**
- **HigResPic1**
- **HigResPic2**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**