

12mA Explosion Proof LED Pilot Light - Class I, II, III - 24V AC/DC, Short Barrel - Green - TB - N4X

EPCS-PL-LED-24V-G-XS

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

EPCS-PL-LED-24V-G-XS Short 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: 0.20 lbs

Voltage Rating: 24V AC/DC

Frequency: 50/60 Hz

Watts: 1.5W

Amp Rating: 12mA

LED Lifespan: 50,000+ Hours

Light Color: Green

Thread Length: 0.94" (25mm)

Design: Short 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
Zones 1&2/21&22

Class II, Divisions 1&2 Groups E,F,G

Class III, Divisions 1&2

II 2 G Ex db IIC/IIB+H2Gb

II 2 D Ex tb IIIC Db

Type 4X

Special Orders- Requirements

Contact us for special requirements

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The EPCS-PL-LED-24V-G-XS 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 24V AC/DC unit has a short barrel, threaded design for installation in panels. Featuring an expected LED lifespan of 50,000+ hours, the explosion proof device comes with terminal blocks for wiring connections and carries a NEMA 4X rating.

The EPCS-PL-LED-24V-G-XS is suitable for Class I, II and III, as well as ATEX/IECEx rated facilities. This short-barrel unit operates with 24V AC/DC at 12mA. During use, the LED pilot light provides green output. This NEMA 4X rated device features a 3/4"-14 NPSM threaded, short body with 0.94" (25mm) THD. 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.



Frequently Asked Questions (FAQ)

Links (Click on the below items to view):

- [Dimensional Drawing 2D](#)
- [Operations Manual](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)