

## 12mA Explosion Proof LED Pilot Light - Class I, II, III - 24V AC/DC, Short Barrel - Red - TB - N4X EPCS-PL-LED-24V-R-XS

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



### EPCS-PL-LED-24V-R-XL 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:** 24V AC/DC

**Frequency:** 50/60 Hz

**Watts:** 1.5W

**Amp Rating:** 12mA

**LED Lifespan:** 50,000+ Hours

**Light Color:** Red (Clear)

**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

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- Requirements

Contact us for special requirements

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**E-mail:** [sales@larsonelectronics.com](mailto:sales@larsonelectronics.com)

**The EPCS-PL-LED-24V-R-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 24V AC/DC unit features a short barrel, threaded design for installation in thick panels. The explosion proof device comes with terminal blocks for wiring connections.**

The EPCS-PL-LED-24V-R-XL is rated 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 red (clear) 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](mailto:sales@larsonelectronics.com) for more information about our custom options tailored to meet your specific industry needs.



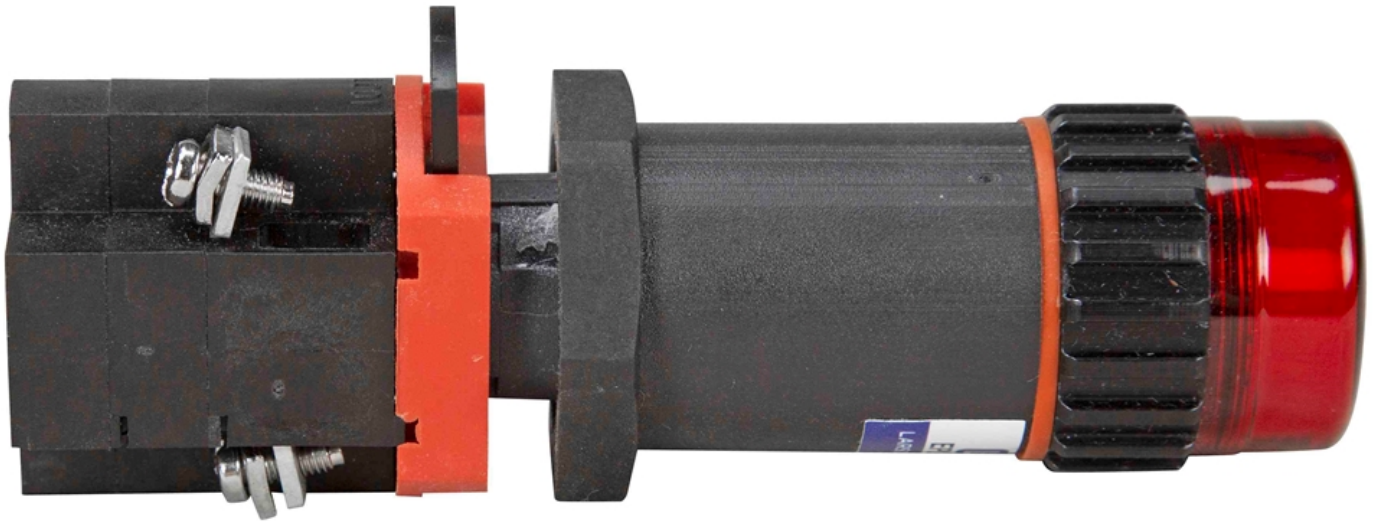
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## Frequently Asked Questions (FAQ)









Links (Click on the below items to view):

- [Dimensional Drawing 2D](#)
- [Operations Manual](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)