

12mA Explosion Proof LED Pilot Light Class I, II, III Instruction Manual

Thank you for your purchase of the Larson Electronics EPCS-PL-LED pilot light.

WARNING

TO AVOID THE RISK OF FIRE, EXPLOSION OR ELECTRIC SHOCK, THIS PRODUCT SHOULD BE INSTALLED, INSPECTED AND MAINTAINED BY A QUALIFIED ELECTRICIAN ONLY, IN ACCORDANCE WITH ALL APPLICABLE ELECTRICAL CODES.

TO AVOID ELECTRIC SHOCK:

- BE CERTAIN ELECTRICAL POWER IS OFF BEFORE AND DURING INSTALLATION AND MAINTENANCE.
- PRODUCT MUST BE CONNECTED TO A WIRING SYSTEM WITH AN EQUIPMENT-GROUNDING CONDUCTOR.

TO AVOID EXPLOSION:

- MAKE SURE THE SUPPLY VOLTAGE IS WITHIN THE VOLTAGE RATING.
- ENSURE THE MARKED T RATING IS LESS THAN THE IGNITION TEMPERATURE OF THE HAZARDOUS ATMOSPHERE.
- DO NOT OPERATE IN AMBIENT TEMPERATURES ABOVE THOSE INDICATED ON THE PRODUCT NAMEPLATE.
- DO NOT OPERATE IF THE LENS, CORD, SEALS, HOUSING, RECEPTACLES, ETC. IS CRACKED OR DAMAGED. IF SO, DISCONTINUE USE AND CONTACT MANUFACTURER FOR REPLACEMENT PARTS.
- ALL FASTENERS SHOULD BE PROPERLY SEATED.

The EPCS-PL-LED series from Larson Electronics is an Explosion Proof LED Pilot Light that is suitable for preventing the ignition of external, flammable atmospheres in combustible sites.

1. Disconnect the contact/terminal block from the assembly by sliding the cage locking tab clockwise.
2. Install LED into terminal block.
3. Remove the nut and protective sleeve from the threaded body.
4. Place the legend plate under the knob, or attach to the enclosure.
5. Make sure the operator threads and surface being attached to are clean and free of debris. Apply thread lubricant and screw the pushbutton assembly into the enclosures 3/4" NPSM (SAE Thread Models) or M22x1,5 (Metric Thread Models) threaded entry and torque to 3 N-m to 6 N-m (27 in.-lbs. to 53 in.-lbs.).
6. Install the nut onto the assembly threaded body and torque to 2 N-m (18 in.-lbs.) with an appropriate tool.
7. Installing the contact block to the assembly:
 - a. With the cage locking tab oriented in the bottom, ensure it is slid to the left position.
 - b. Align the assembly channel with the locking cage ID tabs on the contact block and slide the block onto the assembly.
 - c. Move the cage tab counterclockwise to lock switch in place.
 - d. Verify orientation of block is such that control wires and certification tag won't be directed into flame path of cover/body.



USE, CARE, & REPAIR

Unauthorized modification may impair the function and/or safety of this device and could affect the life of the equipment. Always check for damaged or worn out parts before using the device. Store it in a secure place out of the reach of children when not in use. Inspect for good working condition prior to storage and before re-use. Any maintenance or repairs shall be made by qualified electrician in accordance with local and national codes. Contact Larson Electronics for repairs or replacement parts.

THESE INSTRUCTIONS MAY NOT COVER ALL DETAILS OR VARIATIONS OF THIS PRODUCT FOR YOUR EQUIPMENT OR INSTALLATION REQUIREMENTS. SHOULD FURTHER INFORMATION NOT COVERED BY THESE INSTRUCTIONS BE REQUIRED, PLEASE CONTACT LARSON ELECTRONICS BY EMAIL AT SALES@LARSONELECTRONICS.COM OR BY PHONE AT 1-800-369-6671 FOR FURTHER ASSISTANCE.

PLEASE VISIT LARSONELECTRONICS.COM FOR **WARRANTY** AND **RETURN** INFORMATION.