

## Explosion Proof Switch w/ Potentiometer - C1D1, C2D1 - 1-10K Ohms - Rotary Dial - Double Gang Box

### EPS-2XPB-PTM.10K

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



#### EPS-2XPB-PTM.10K Explosion Proof Push Button Switch w/ Potentiometer

**Unit Type:** Explosion Proof Push Button Switch w/ Potentiometer

**Dimensions:** -

**Weight:** -

**Switch Style:** Momentary Push Button (Stop/Start)

**Voltage:** 120-277V AC

**Horsepower:** 1HP @ 120VAC / 2HP @ 250VAC

**Amp Rating:** 1200A

**Potentiometer Resistance:** 1-10K Ohms

**Potentiometer Dial Type:** Rotary

**Materials:** Non-sparking Aluminum

**Termination Options:** Dead End or Feed Thru

**Hub Options:** 1/2" or 3/4" NPT

#### Ratings/Approvals

Class I, Division 1&2, Groups C,D

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

Class III, Division 1&2

NEMA 7 (Groups C & D)

NEMA 9 (Groups E, F, G)

Certified to USA/Canadian Standards

#### Special Orders- Requirements

Contact us for special requirements

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**The Larson Electronics EPS-2XPB-PTM.10K Explosion Proof Push Button Switch with Potentiometer is suitable for motor and electrical control in flammable work sites. The 10-amp device features a robust potentiometer with 1-10k Ohms resistance for up to 2 watts at 32V DC, which can be set using a rotary dial. This NEMA-rated unit is constructed of non-sparking aluminum and takes on a double-gang box configuration.**

The EPS-2XPB-PTM.10K designed for use in Class I, Divisions 1 & 2; Class II, Divisions 1 & 2; and Class III, Divisions 1 & 2 facilities. Rated at 10 amps, this explosion proof unit accepts currents ranging between 120-277V AC. The device features a potentiometer with 1-10k Ohms resistance for up to 2 watts at 32V DC. Operators can make adjustments to the instrument using a rotary dial. The unit has momentary stop/start push buttons which allows locking of the ON/OFF position.

The EPS-2XPB-PTM.10K is constructed of non-sparking aluminum and is triple coated. The lever is connected to a threaded stainless steel shaft that passes through the faceplate. The entire unit is completely corrosion resistant and is NEMA rated.

**Wiring/Mounting:** Operators can completing wiring and mounting via a 1/2" or 3/4" NPT hub. Termination options include dead end or feed thru.

**Suggested Applications:** Hazardous locations, oil and gas sites, agricultural

operations, grain storage, woodshops, motor control 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)









**Options:**

**EPS-2XPB-PTM.10K-Hub Config-Termination**

**Example: EPS-2XPB-PTM.10K-0.5IN-FT**

Hub Config	
1/2 INCH	-0.5IN
3/4 INCH	-0.75IN

Termination	
FEED-THRU	-FT
DEAD-END	-DE



Links (Click on the below items to view):

- [Operations Manual](#)
- [Wiring Diagram \(Online\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [HigResPic8](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)