

**Explosion Proof Switch w/ Potentiometer - C1D1, C2D1 - 1-10K Ohms - Rotary Dial - Double  
Gang Box - (2) NO & (2) NC Contacts**  
**EPS-2XPB-PTM.10K-MOD1**



**EPS-2XPB-PTM.10K-MOD 1 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:** 20A

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

**Potentiometer Dial Type:** Rotary

**Contacts:** (1) NO & (1) NC [Green Button] , (1) NO & (1) NC [Red Button]

**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

**Toll Free:** 1-800-369-6671

**Fax:** 1-903-498-3364

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

**The Larson Electronics EPS-2XPB-PTM.10K-MOD1 Explosion Proof Push Button Switch with Potentiometer is suitable for motor and electrical control in flammable work sites. The 20-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. This unit has 4 contacts: (1) Normally Closed and (1) Normally Open on the start button, and (1) Normally Closed and (1) Normally Open on the top button.**

The EPS-2XPB-PTM.10K-MOD1 designed for use in Class I, Divisions 1 & 2; Class II, Divisions 1 & 2; and Class III, Divisions 1 & 2 facilities. Rated at 20 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 stop and start push buttons both include (1) Normally Closed and (1) Normally Open contact, for a total of 4 contacts.

The EPS-2XPB-PTM.10K-MOD1 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.

---

**Options:**

**EPS-2XPB-PTM.10K-MOD1-Hub Config-Termination-Poles**

**Example: EPS-2XPB-PTM.10K-MOD1-0.5IN-0.5IN**

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

Termination	
FEED-THRU	-0.5IN
DEAD-END	-0.75IN

Poles
-------

Links (Click on the below items to view):

- [addpic1large](#)
- [addpic2large](#)
- [addpic3large](#)
- [addpic4large](#)
- [large](#)
- [medium](#)
- [SpecSheet](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [HigResPic8](#)