

HAZARDOUS LOCATIONS

EXPLOSION PROOF PRESSURE SWITCH EPS SERIES



DESCRIPTION

The **System Sensor EPS Series Explosion Proof Pressure Switch** is made to measure air or water in a hazardous area and switch two SPDT relays. The set point is field adjustable.

NEW!



EPS10EXP

FEATURES

- **Two SPDT relays**
- **NEMA 4**
- **Class 1, Division 1 Groups B, C, D; Class II, Division 1 Groups E, F, G; Class III, Division 1**

SPECIFICATIONS

Contact Arrangement	SPDT	Operating Temperature	-40° to 160°F (-40° to 71°C)
Contact Rating	(2) 10 A @ 125/250 VAC; 2.5 A @ 24 VDC	Process Connection	1/2" NPT male
Setpoint Range		Conduit Connection	Two 1/2" female
10	4 to 20 psi	Enclosure	NEMA 4
40	10 to 100 psi	Maximum Static Pressure	250 psi
120	10 to 200 psi	Dimensions	9.5" L x 4.9" dia (24.1 x 12.4 cm)
Differential Area	3 psi	Approvals	FM, UL file E200116
	Explosion proof Class I, Division 1, Groups B, C, D; Class II, Division 1, Groups E, F, G; Class III, Division 1	Weight	6.2 lb (2.8 Kg)
		Warranty	3 year

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WIRING

0 PSI (ESP10EXP)	Normal PSI (ESP40EXP & ESP120EXP)	HIGH TRIP POINT ESP10EXP - 4-8 psi ESP40EXP - 50 psi ESP120EXP - 117.5-128.5 psi (On Raise)	LOW TRIP POINT ESP40EXP - 30 psi ESP120EXP - 101.5-112.5 psi (On Full)
SW1 SW2 B ☐ B ☐ Com ☐ Com ☐ A ☐ A ☐ (Both switches activate simultaneously)	SW1 SW2 B ☐ B ☐ Com ☐ Com ☐ A ☐ A ☐ (Both switches activate simultaneously)	SW1 SW2 B ☐ B ☐ Com ☐ Com ☐ A ☐ A ☐	SW1 SW2 B ☐ B ☐ Com ☐ Com ☐ A ☐ A ☐

ORDERING INFORMATION

MODEL	DESCRIPTION
EPS10EXP	Explosion Proof Pressure Switch, 4 to 20 psi
EPS40EXP	Explosion Proof Pressure Switch, 10 to 100 psi
EPS120EXP	Explosion Proof Pressure Switch, 10 to 200 psi