

## CO<sub>2</sub> PRESSURE SWITCH - EXPLOSION PROOF

### DESCRIPTION

The pressure switch is a double pole, double throw (DPDT) device housed in an explosion rated housing suitable for use in hazardous rated environments. The switch is activated by the presence of CO<sub>2</sub> pressure from the discharge piping when the system is activated. When activated, the switch sends a trouble signal to the control panel indicating that the system has been discharged.

#### Note:

After operation, the pressure switch must be reset prior to resetting the control panel.

### APPLICATION

The C02-1231, Explosion-Proof Pressure Switch, is commonly used to provide an electrical tie-in to the control panel that indicates the CO<sub>2</sub> system has been activated mechanically. The pressure switch can also be used to pen or close electrical circuits for various functions, such as equipment shutdown and alarm activation, upon system discharge. The pressure switch is designed for use in hazardous rated environments.



### INSTALLATION

The switch should be mounted to a suitable mounting surface in the vertical position. Connection shall be made using 1/4" (8 mm) piping in accordance with NFPA 12 requirements.

### SPECIFICATIONS

Part Number:	C02-1231
Electric Ratings:	10 amps - 125 VAC 5 amps - 240 VAC
Hazard Ratings:	Class I, Division II, Group D
Conduit Inlet:	3/4" (20 mm) NPT Female
Pressure Inlet:	1/4" (8 mm) NPT Female
Switch Type:	Double Pole, Double Throw

### APPROVALS

- UL - Ex 2968
- Factory Mutual
- ULC - CE<sub>x</sub> 1312
- US Coast Guard (162.038/7/0)

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