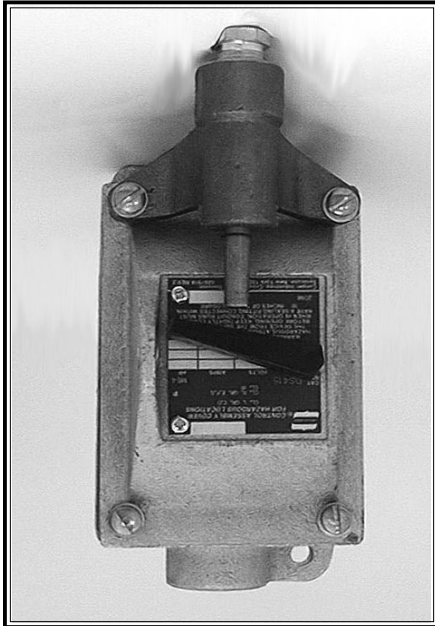


CO₂ Suppression Systems

Architect and Engineering Specifications



APPLICATION

The C02-1231, Explosion-Proof Pressure Switch, is commonly used to provide an electrical tie-in to the control panel that indicates the CO₂ system has been activated mechanically. The pressure switch can also be used to open 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.

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 CO₂ 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.

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. Additional pressure switches may be installed by using branch tees in the 1/4" (8mm) supply piping to "daisy-chain" the pressure switches together.

SPECIFICATIONS

Part No.: C02-1231
Elec. Ratings: 10 Amps - 125 VAC
5 Amps - 240 VAC
Haz. 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: U.L. Ex2968
Factory Mutual
U.L.C. CEx 1312
U.S. Coast Guard (162.038/7/0)

