



Architect and Engineer Specification

## *CO<sub>2</sub> Suppression Systems*

## PRESSURE SWITCH

CATALOG  
NUMBER  
E.1.11.01

P/N C70-202

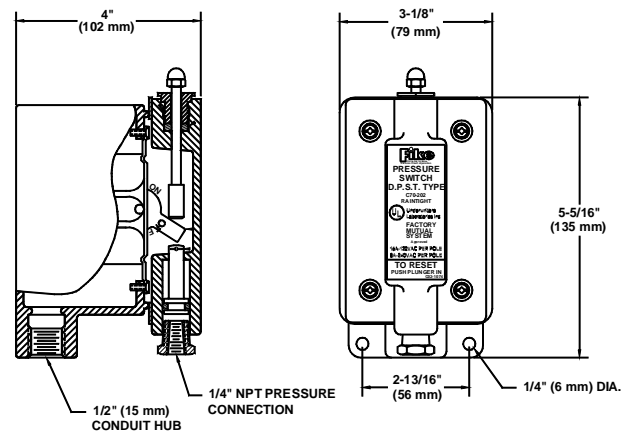
FM - 3002238 / 0D8A9.AF

UL - Ex 4447

CEx - 1312

USCG - 162.161/2/0 (HFC-227ea)

USCG - 162.038/12/0 (CO<sub>2</sub>)



### APPLICATION

The C70-202 Pressure Switch is used to provide an electrical tie-in to the control panel that indicates the CO<sub>2</sub> system has been activated. The pressure switch is also used to open, or close, electrical circuits for various functions such as equipment shutdown and alarm activation.

**Note:** The pressure switch will not transfer during the pre-discharge period. Therefore, the switch is not suitable for an evacuation alarm signal.

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

The pressure switch is a double pole, single throw switch housed in a weather-proof backbox. When the system is activated, the switch is operated by CO<sub>2</sub> pressure from the discharge piping.

### INSTALLATION

The switch should be mounted on a suitable mounting surface, in the vertical position. Connection is 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" (8 mm) supply piping to "daisy-chain" the pressure switches together.

July, 2002  
Revised Issue

## SPECIFICATIONS

Switch: Double pole, single throw  
Ratings: 15A - 120 VAC  
8A - 240 VAC  
Pressure: 100 psi (690 kpa) (Activation Pressure)

