

PROINERT®² DISCHARGE PRESSURE SWITCH

DESCRIPTION

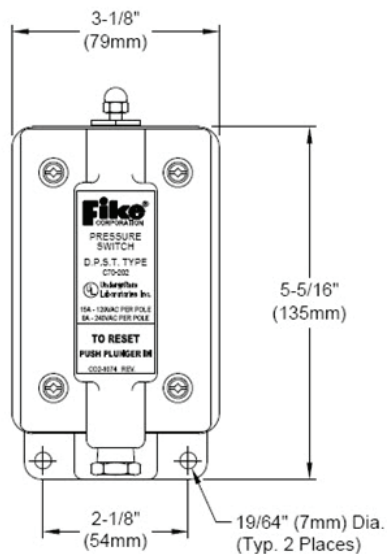
The Discharge Pressure Switch Assembly is used to provide a latching electrical input to the control system indicating that the system has been discharged. When a system is discharged manually, the pressure switch provides the input to the control system needed to activate various audio/visual warning devices and auxiliary relays, which would not be activated otherwise.

The Discharge Pressure Switch should be wall mounted adjacent to the cylinder(s) or manifold.

Note: The pressure switch MUST be manually reset prior to resetting the control panel.

SPECIFICATIONS

Part Number:	IG71-202
Switch:	Double-pole, Single-throw
Electrical Rating:	15 amps @ 120VAC or 8 amps @ 240VAC
Connection:	1/4" NPT Female (piping network) 1/2" NPT (conduit inlet)
Operating Pressure:	100 psi (690 kPa) minimum



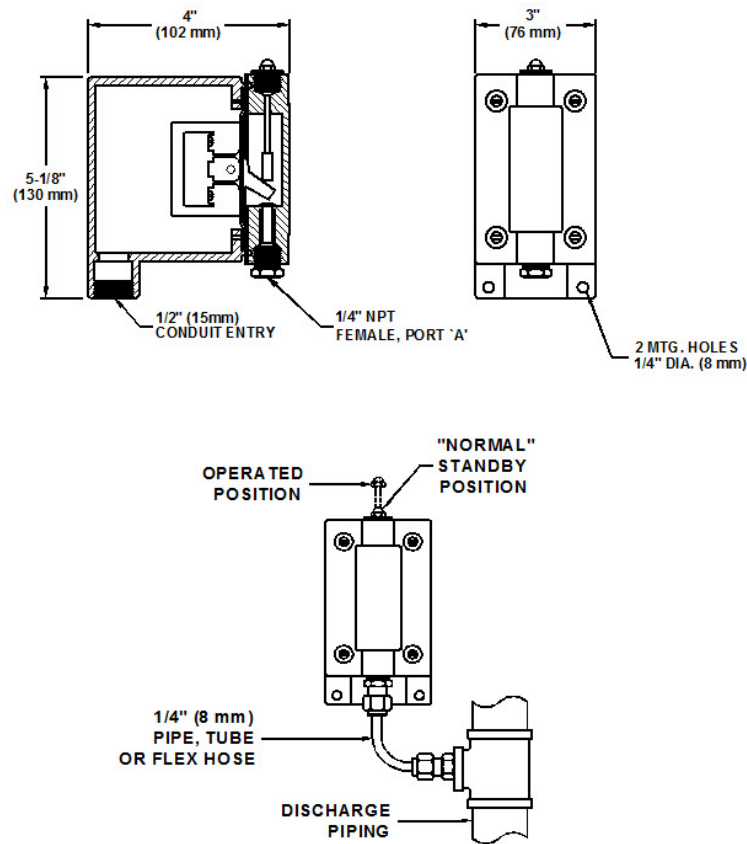
APPROVALS:

- UL Listed
- ULC Listed
- FM Approved



INSTALLATION

Discharge Pressure Switch (P/N IG71-202) should be securely mounted in a location that is not prone to accidental damage, and yet is accessible to the discharge piping or manifold. Connect the pressure switch to a tee fitting installed in the discharge piping with 1/4" NPT pipe, stainless steel flex hose, or tubing. All interconnect wiring to the control system must be installed using conduit and boxes that are appropriate for the environment in which they are installed.



WIRING DIAGRAM

Following is a typical wiring diagram showing how the discharge pressure switch is wired to the manual release input of a control panel (Refer to the Control Panel Manufacturer's manual for wiring details).

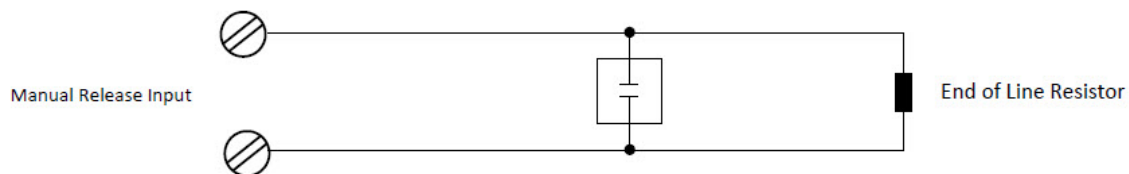


FIGURE 2

Discharge Pressure Switch
Normally Open Contacts
(closes when pressure applied)