

PRESSURE SUPERVISORY SWITCH

Indicates pressure loss in cylinder

Engineering and Architect Specifications

The switch is used to monitor the pressure within the Clean Agent cylinder. If a cylinder leak occurs, and its pressure drops to below 291 ± 10 psig, the switch contacts will be activated, providing a signal to the Release Control Panel to indicate lost of pressure and/or leakages. The pressure supervisory switch is wired into a supervised circuit to give a trouble signal upon activation.

Electrical Rating

120 VAC - 5.8FLA, 4.8LRA
240 VAC - 2.9FLA, 15LRA
24 VDC - 125VA Pilot Duty
28 VDC - 2 Amps

Others

Actuation Pressure 360 ± 10 psig
Release Pressure 291 ± 10 psig

Temperature Range

Ambient -20°F to $+150^{\circ}\text{F}$
Fluid -65°F to $+275^{\circ}\text{F}$

PRESSURE OPERATED SWITCH (N.C./N.O.) SPDT (MANUAL RESET)

Indicates that the Fire Suppression Agent is being discharged

Engineering and Architect Specifications

The switch is provided to indicate a system discharge and provides electrical contacts for alarm and auxiliary functions. The switch will have form C contacts rated at 15 Amps -125/250 VAC. An external manual reset button shall be provided on the pressure switch. After system actuation, the reset button MUST be depressed in order to reset the device. The switch may also be connected to any points of the discharge piping between the cylinder and nozzle.

Electrical Rating:

15 Amps - 125/250 VAC;

Switch:

SPDT snap action;

Contacts:

One : Normally Open (N.O.)
One : Normally Close (N.C.)

PRESSURE OPERATED SWITCH (N.C./N.O.) SPDT (AUTOMATIC RESET)

Indicates that the Fire Suppression Agent is being discharged

Engineering and Architect Specifications.

The switch is provided to indicate a system discharge and provides electrical contacts for alarm and auxiliary function. The switch is best used with an Agent Release Control Panel to perform various auxiliary functions. The switch may be connected to "M" port of the Context Plus cylinder valve or at any points of the discharge piping between the cylinder and nozzle.

Technical Information

Materials	Port-stainless steel. Diaphragm-stainless steel. Seals-Buna-N or Viton. Housing-aluminium
Temperature	-65°F to 280°F
Electrical Rating	5 Amps. Resistive 110 V/250 VAC, 3 Amps. Inductive 28 VDC. SPDT snap-action
Electrical Connection	8" Pigtails
Pressure Connection	1/4 NPT-Male
Dielectric Strength	1000 V RMS
Reset	Automatic



P/N: CP 50138 - 1 (N.C.)
CP 50138 - 2 (N.O.)



P/N: CP 50339



P/N: CP 50339-A