

DISCHARGE PRESSURE SWITCH

DESCRIPTION

Discharge Pressure Switch (DPS) is used to provide a positive pneumatic confirmation to the control system that the Fike Fire Suppression system has been discharged.

When a system is discharged manually (by Impulse Valve Operator (IVO) with Strike Button), the discharge pressure switch is required to provide the input to the control system needed to activate various audio/visual warning devices and auxiliary relays.

The switch is operated pneumatically using the agent pressure in the discharge piping network.



APPROVALS:

- FM
- UL
- ULC

SPECIFICATIONS

Part Number	02-12534
Temperature Limits	+32 to +130°F (0 to 54°C)
Enclosure Classification	NEMA 4
Contact Rating	Single pole, double throw; 5 amps resistive @ 30 VDC (can be wired for normally open or normally closed operation)
Body Material	Aluminum
Pressure Connection	1/4" NPT (6 mm)
DPS Length (approximate)	4-1/8" (105 mm) long (including both connectors)
Electrical Connection	1/2" NPT (15 mm)
Wire Leads	(3) 18 gauge x 20" (508 mm) long Violet (Common), Blue (N.O.), Black (N.C.)
Pressure Setting	40 psig (3 bar) (Increasing)

