

### Features

- CCCF Approved
- Maximum System Pressure: 300PSI (2.1MPa)
- Factory Setting: Operates at rising pressure 5 to 7psi
- Differential: Approximately 2psi throughout range
- Maximum Adjustment Pressure Range: 4 to 20psi
- Contact Ratings:
  - DPS10-1: One set SPDT (Form C)
  - DPS10-2: Two sets of SPDT (Form C)
  - 10.1Amps at 125/250 VAC
  - 2.0Amps at 24 VDC
- Operating Temperature Range: -40° F to 160°F (-40°C to 71°C)
- Enclosure Rating: NEMA 4- suitable for indoor/outdoor use
- Conduit Entrances: One opening for 1/2" conduit
- Pressure Connection: Nylon 1/2" NPT Male
- Service Use:
  - Automatic Sprinkler: NFPA-13
  - One or Two Family Dwelling: NFPA-13D
  - Residential Occupancies up to 4 stories: NFPA-13R
  - National Fire Alarm Code: NFPA-72
- Warranty: 3 Years



### ⚠ WARNING

- Installation must be performed by qualified personnel and in accordance with all national and local codes and ordinances.
- Shock hazard. Disconnect power source before servicing. Serious injury or death could result.
- Risk of explosion. Not for use in hazardous locations. Serious injury or death could result.

**Important:** This document contains important information on the installation and operation of DPS10 series Detected Pressure Switch. Please read all instructions carefully before beginning installation.

### Engineering Specifications

The DPS10 series pressure type waterflow switches shall be installed on system piping as designated on the drawing and/or as specified herein. Switched shall be provided with 1/2" NPT male pressure connection and shall be connected to the alarm port outlet of: Wet pipe alarm valves, Dry pipe valves, Pre-action valves, or Deluge valves. The pressure switch shall be actuated when the alarm line pressure rise to 5-7psi.

Pressure switch shall have one or two form C contacts, switch contact rating 10.1Amps at 125/250VAC, 2.0Amps at 24 VDC.

### Installation

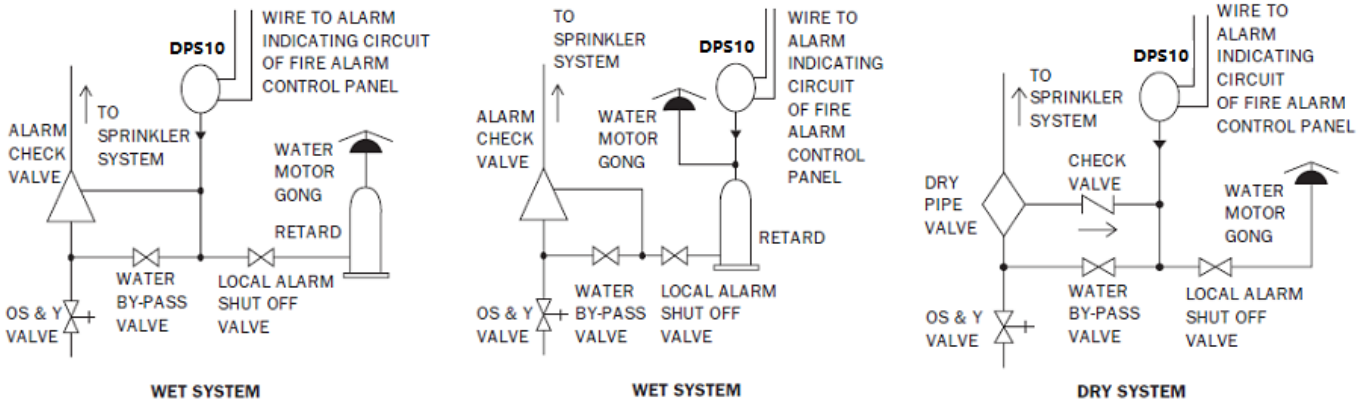
The DPS10 series pressure actuated switches are designed for the detection of a waterflow condition in automatic fire sprinkle systems of particular designs such as wet pipe system, dry pipe systems, pre-action or deluge systems. The DPS10 pressure switches are also suitable to provide a low pressure supervisory signal; the field adjustment pressure range is between 4 to 20psi.

**NOTE:** Apply Teflon tape to the threaded male connection on the device. Do not use pipe dope.

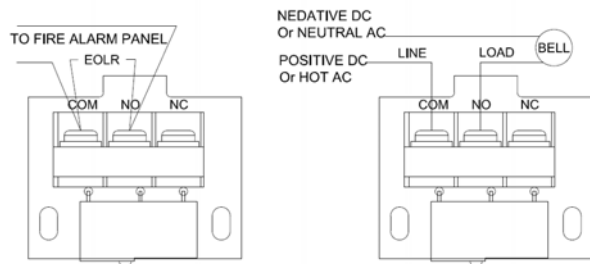
### Testing

The frequency of inspection and testing for the DPS10 pressure actuated switches shall be in accordance with applicable NFPA Codes and Standards and/or the authority having jurisdiction (manufacturer recommends quarterly or more frequently).

### Typical Sprinkler Applications:



### Field Typical Electrical Connections:



### Ordering Information:

Model	Part Number	Description	Shipping Weight
DPS10-1	5180101	One set SPDT contacts	0.45kg
DPS10-2	5180102	Two sets SPDT contacts	0.45kg

### Mounting Dimensions:

