



MA-PS10-2 Detected Pressure Switch

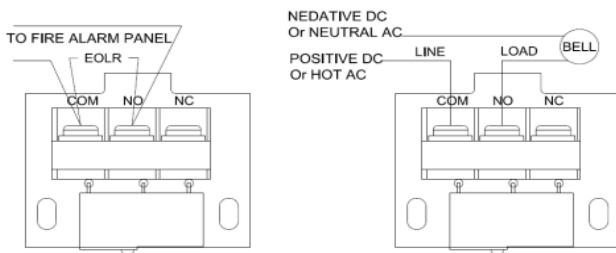


ENGINEERING SPECIFICATION

The **MA-PS-10** 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.

NOTE: Cover material is Aluminum, alternative Plastic Cover.

FIELD TYPICAL ELECTRICAL CONNECTION



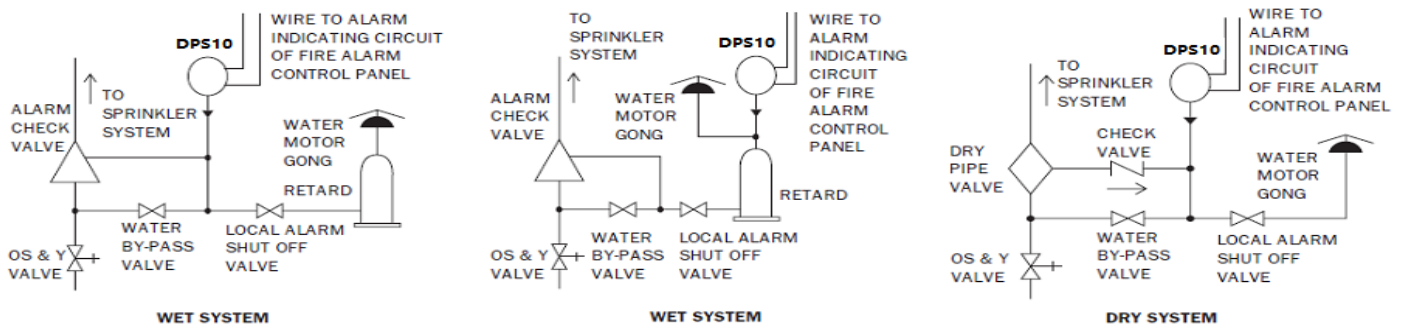
FEATURE

Working Pressure	Max2.07Mpa (300psi)				
Operating Temperature	-40°C to 71°C (-40° F to 160°F)				
Operating Pressure	0.035-0.05MPa (5-7psi)				
Max Pressure adjust range	0.027-0.138MPa (4-20psi)				
Contact	<table border="1"> <tr> <td>MA-PS10-1</td> <td>One set of SPDT (Form C)</td> </tr> <tr> <td>MA-PS10-2</td> <td>Two set of SPDT (Form C)</td> </tr> </table>	MA-PS10-1	One set of SPDT (Form C)	MA-PS10-2	Two set of SPDT (Form C)
MA-PS10-1	One set of SPDT (Form C)				
MA-PS10-2	Two set of SPDT (Form C)				
Contact Rating	10.1A@125/250VAC 2A@24VDC				
Enclosure Rating	NEMA 4- suitable for indoor/outdoor				
Tamper Device	Special tamper screws to prevent disassembly				
Pressure Connection	Nylon 1/2" NPT Male				
Standard	GB5135.10-2006 &FM3132				

MODEL & SIZE

Model	Description	Contact	Operating
MA-PS10-2	Pressure Switch	Two sets of SPDT	5-7psi

TYPICAL SPRINKLE APPLICATION





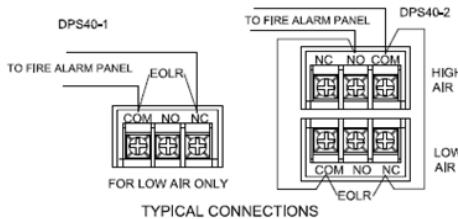
MA-PS40-2 Supervisory Pressure Switch

ENGINEERING SPECIFICATIONS

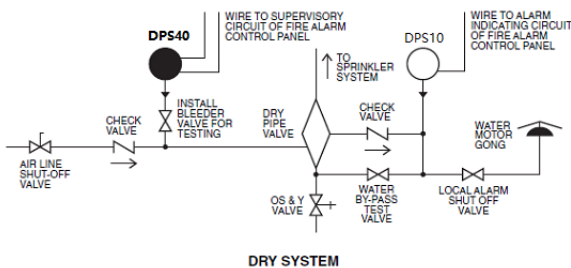
The **MA-PS40** series pressure type supervisory pressure switches shall be installed on system piping as designated on the drawing and/or as specified herein. Switched shall be provided with 1/2" NPT male pressure connection and to detect an increase and/or decrease from normal system pressure in automatic fire sprinkler system. Typical applications are: Dry pipe valves, Pre-action valves, or pressure tanks. The **MA-PS40** series pressure switches are factory set for use in a normal 40psi system. The **MA-PS40-2** is factory set to respond at 50psi at increasing pressure and 30psi at decreasing pressure.

NOTE: Cover material is Aluminum, alternative Plastic Cover.

FIELD TYPICAL ELECTRICAL CONNECTION



TYPICAL SPRINKLE APPLICATION



FEATURE

Working Pressure	Max2.07Mpa (300psi)
Operating Temperature	-40°C to 71°C (-40° F to 160°F)
Operating Pressure	MA-PS40-2 operates at increasing pressure at 50psi and at decreasing pressure at 30psi
Max Pressure adjust range	0.07-0.414MPa (10-60psi)
Contact	MA-PS40-1 One set of SPDT (Form C)
	MA-PS40-2 Two set of SPDT (Form C)
Contact Rating	10.1A@125/250VAC 2A@24VDC
Enclosure Rating	NEMA 4- suitable for indoor/outdoor
Tamper Device	Special tamper screws to prevent disassembly
Pressure Connection	Nylon 1/2" NPT Male
Standard	GB5135.10-2006 &FM3132

MODEL & SIZE

Model	Description	Contact	Operating
MA-PS40-2	Pressure Switch	Two sets of SPDT	increasing at 50psi decreasing at 30psi