

Line Mounted Pressure Switch (Includes Manual Override and Visual Indicator)



Fixed



Adjustable



PS1P1091

Part Number	Description	
	Electrical	Pneumatic
PS1P1081	1SPDT Contact 5A / 250V	20PSI Fixed Switching Pressure
PS1P1091	1SPDT Contact 5A / 250V	30-75 PSI Adjustable Switching Pressure

Specifications

Adjustable Trip Pressure
30 to 75 PSI (2 to 5 bar)

Air Quality

Standard Shop Air, Lubricated or Dry,
40 µm Filtration

Degree of Protection
IP 40

Electrical Connections
Screw Terminals

Fixed Trip Pressure
≥20 PSI (1.3 bar)

Function
SPDT Contacts

Insulation Voltage Rating
250V AC or DC

Materials

- Body Polyamide
- Poppet Polyurethane
- Seals Nitrile (Buna N)

Maximum Operating Frequency
10 Hz

Mounting
Inline or 35 mm DIN Rail

Nominal Current Rating
5 A

**Number of Operations with Dry Air
at 90 PSI and 70°F – Frequency 1 Hz**
10 Million

Operating Positions
All Positions

Operating Pressure
115 PSIG Max. (8 bar)

Ports
5/32" Instant for Semi- Rigid Nylon or
Polyurethane Tube

Response Time
2 to 3 msec

Temperature
Operating
32°F to 122°F (0°C to +50°C)
Storage
-22°F to 140°F (-30°C to +60°C)

Electrical Life

Type of Circuit

	AC (Switching Capacity in VA)					DC (Switching Capacity in W)				
	12V	24V	48V	120V	220V	12V	24V	48V	110V	220V
For 1 Million Operations	AC 15 DC 54	25 86	56 190	115 370	140 440	17 42	24 58	37 88	50 115	54 105
For 2 Million Operations	AC - DC -	- -	- -	- -	- -	10 30	14 43	25 70	40 100	23 90
For 5 Million Operations	AC 8 DC 21	10 35	14 82	19 160	21 200	- -	- -	- -	- -	- -

Dimensions

