

PRESSURE SWITCH

Series PW

Cat No PW - 01 - 01

Pressure switch - R1/8

Features

- Quick response
- Easy adjustability of set pressure
- Hysteresis adjustable



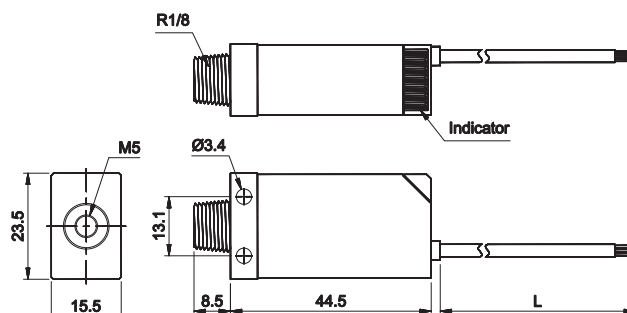
Application

Pressure switch can be used in compressed air applications. Some of the applications include,

- Protect pneumatic equipment / against over pressure
- For pressure sequencing
- Can be used in application, to operate sequentially

Technical Specifications

Ordering No.		PW0103504	PW0104504	
Port size		R1/8		
Operating pressure range		0 - 10 bar		
Withstand pressure		15 bar		
Fluid		Air		
Power supply voltage		12 to 24V DC $\pm 10\%$, Ripple (P-P) 10% or less		
Response time		5ms or less		
Repeatability		$\pm 1\%$ F.S.		
Current consumption		21mA MAX.		
Environment	Enclosure	IP40		
	Ambient temp. range	Operation : 0 ~ 50°C, Storage : -20 ~ 60°C (No condensation or freezing)		
	Ambient humidity range	Operation / Storage : 35 ~ 85% RH (No condensation)		
	Withstand voltage	1000VAC in 1-min (between case and lead wire)		
	Insulation resistance	50Mohm min. (at 500V DC M, between case and lead wire)		
	Vibration	Total amplitude 1.5mm, 10Hz-55Hz, -10Hz scan for 1 minute, two hours each direction of X, Y and Z		
	Shock	980m/s ² (100G), 3 times each in direction of X, Y and Z		
Temperature characteristic		$\pm 3\%$ F.S. (Standard: 25° C)		
Weight		50g (each including 1M lead wires)		
Output Specifications				
Connect diagram				
Characteristics	NPN open collector 30V 80mA		PNP open collector 80mA	
Output method	NPN open collector 30V 80mA		PNP open collector 80mA	
Hysteresis	1 ~ 10% of setting pressure (Adjustable)			
Setting points	1 point			
Operation indicating lamp	Light at ON (Red)			



Subject to change