

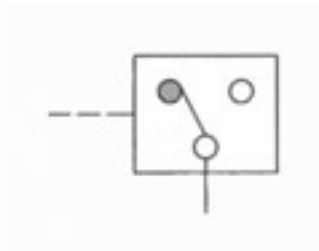
PISTON TYPE PRESSURE SWITCH



FEATURES

- A micro switch will activate when an adjustable pressure setting is reached. It will remain actuated until the pressure falls below the setting.

Symbol



Model Code

PS – 150 – 20 – N

1

2

3

4

1 **Series**

PS: Pressure Switch

3 **Design Number**

2 **Pressure Adj. Range**

35: 100-500 PSI (7-35 BAR)

70: 150-1000 PSI (10-70 BAR)

150: 420-2200 PSI (30-150 BAR)

230: 700-3300 PSI (50-230 BAR)

420: 1300-6000 PSI (90-420 BAR)

4 **Ports**

N: 3/8" NPT Ports

PISTON TYPE PRESSURE SWITCH

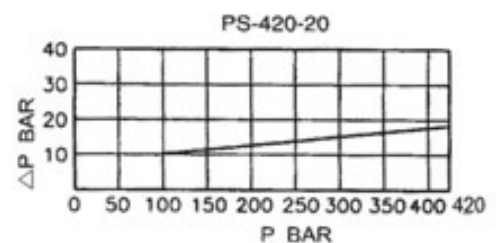
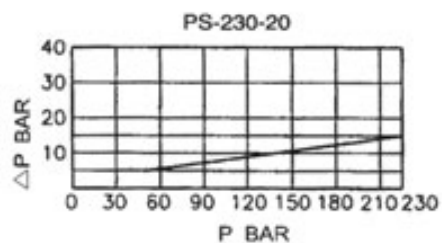
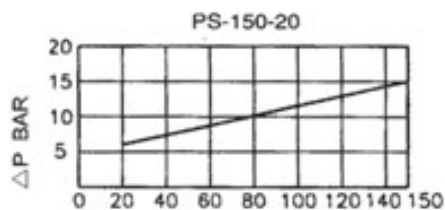
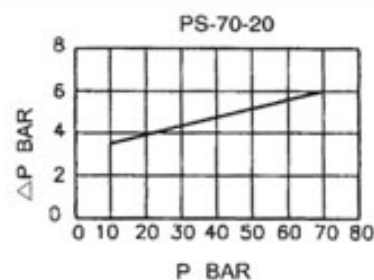
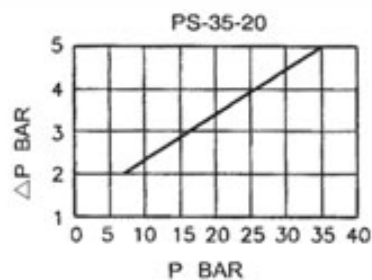
SPECIFICATIONS

Model	Pressure range BAR(Psi)	Adjustment range BAR(Psi)	Max. pressure BAR(Psi)
PS-35-*	35(500)	7-35(100-500)	210(3000)
PS-70-*	70(1000)	10-70(150-1000)	210(3000)
PS-150-*	150(2200)	30-150(420-2200)	210(3000)
PS-230-*	230(3300)	50-230(700-3300)	350(5000)
PS-420-*	420(6600)	90-420(1300-6000)	500(7250)

General	
Fluid	Mineral oil-based hydraulic fluids, Flame retardant Liquids (HFA, HFB, HFC).
Fluid temperatures	-30°C ~ +110°C (-22°F ~ +22°F)
Viscosity range	10-800 cSt (50-3700 SSU)
Fluid cleanliness	Max. permissible oil contamination to NAS 1638 class 9, recommend achieved with filter $\beta_{10} \geq 75$
Switching repeatability	Within 1% of Max. pressure
Switching rate	60 times/min

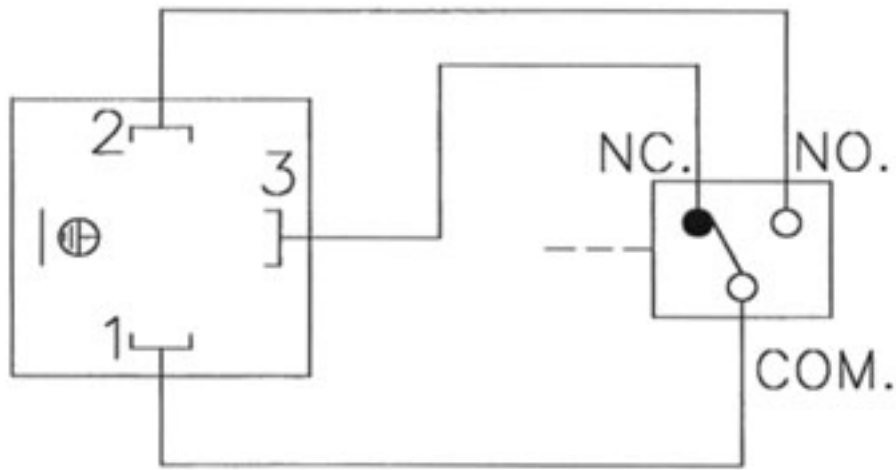
Electric data		
Electrical connections	According to ISO 4400	
Wire size	1.5 mm ²	
Contact rating	AC	250V.5A
	DC	30V.5A
Mass	0.8 kg	

SWITCHING HYSTERESIS DIAGRAM



PISTON TYPE PRESSURE SWITCH

ELECTRICAL CONNECTION SYMBOL



without pressure

DIMENSIONS

UNIT: mm(inch) WEIGHT : 1kgs(2.2lbs)

