

# Pressure Switch

## 压力控制器



Pressure switches can be used in refrigeration and air conditioning systems to protect the systems from extremely low suction pressure or extremely high discharge pressure.

The pressure switches also start or stop the refrigeration compressors and air cooled condensers fans, to regulate other components in the systems requiring pressure control.

### FEATURES:

- \* High level of accuracy and stable repeatability
- \* SPDT switch to ensure good contact and disconnect conversion with fast reactions
- \* Various pressure ranges are available

### GENERAL SPECIFICATIONS:

- \* Applicable for all common HCFC, non-flammable HFC refrigerants and HFO refrigerants
- \* Medium temperature TS min./max.: -40°C/+120°C
- \* Ambient temperature min./max.: -35°C/+65°C
- \* Max. working pressure PS: HP: 3.5 MPa; LP: 1.65 MPa
- \* Enclosure: IP44

### Flare Connection

Model	Pressure	Low Pressure		High Pressure		Reset	
		Range	Differential Pressure	Range	Differential Pressure	Low Pressure	High Pressure
Flare 7/16-20UNF (1/4" & 6mm)							
PS 01 AL-S01	Low	-0.5 to 7 bar	0.5 to 5 bar	-	-	Auto	-
PS 01 ML-S01	Low	-0.5 to 7 bar	1 bar	-	-	Manual	-
PS 50 AL-S51	High	-	-	6 to 32 bar	3 to 15 bar	-	Auto
PS 50 ML-S51	High	-	-	6 to 32 bar	4 bar	-	Manual
PS 15 AAL-S51	Dual	-0.5 to 7 bar	0.5 to 5 bar	6 to 32 bar	4 bar	Auto	Auto
PS 15 AML-S51	Dual	-0.5 to 7 bar	0.5 to 5 bar	6 to 32 bar	4 bar	Auto	Manual

### Solder ODF Connection

Model	Solder ODF 6mm	Pressure	Low Pressure		High Pressure		Reset	
			Range	Differential Pressure	Range	Differential Pressure	Low Pressure	High Pressure
PS 01 AH-S01	PS 01 AH-S02	Low	-0.5 to 7 bar	0.5 to 5 bar	-	-	Auto	-
PS 01 MH-S01	PS 01 MH-S02	Low	-0.5 to 7 bar	1 bar	-	-	Manual	-
PS 50 AH-S51	PS 50 AH-S52	High	-	-	6 to 32 bar	3 to 15 bar	-	Auto
PS 50 MH-S51	PS 50 MH-S52	High	-	-	6 to 32 bar	4 bar	-	Manual
PS 15 AAH-S51	PS 15 AAH-S52	Dual	-0.5 to 7 bar	0.5 to 5 bar	6 to 32 bar	4 bar	Auto	Auto
PS 15 AMH-S51	PS 15 AMH-S52	Dual	-0.5 to 7 bar	0.5 to 5 bar	6 to 32 bar	4 bar	Auto	Manual

### Capillary Connection

Model	Pressure	Low Pressure		High Pressure		Reset	
		Range	Differential Pressure	Range	Differential Pressure	Low Pressure	High Pressure
Flare 7/16-20UNF (1/4" & 6mm)							
PS 01 AM-S01	Low	-0.5 to 7 bar	0.5 to 5 bar	-	-	Auto	-
PS 01 MM-S01	Low	-0.5 to 7 bar	1 bar	-	-	Manual	-
PS 50 AM-S51	High	-	-	6 to 32 bar	3 to 15 bar	-	Auto
PS 50 MM-S51	High	-	-	6 to 32 bar	4 bar	-	Manual
PS 15 AAM-S51	Dual	-0.5 to 7 bar	0.5 to 5 bar	6 to 32 bar	4 bar	Auto	Auto
PS 15 AMM-S51	Dual	-0.5 to 7 bar	0.5 to 5 bar	6 to 32 bar	4 bar	Auto	Manual