



PSC-W6S 0097793

PSC SERIES MINI PRESSURE CONTROL

The PSC Mini Pressure Control is a commercial grade control with a standard plug connectible design that simplifies installation and service. Typical applications include high pressure limit/alarm, condenser fan cycling, low pressure limit/alarm, low pressure cycling, defrost termination/fan delay, and rupture guard alarm.

FEATURES

- Mini-size 2"X 1-1/2" X 2-3/4"
- Standard SPDT switch action
- Automatic or manual reset
- Models available with high temperature bellows and built-in pressure pulsation snubber for direct head mount high pressure sensing/limit applications
- Plug connectible with hub for 1/2" flexible conduit
- Factory preset to customer desired pressure specifications
- Precise, repeatable settings
- Narrow differential "Micro" switch available on low pressure models

SPECIFICATIONS

Electrical Rating Standard Switch..... SPDT Standard Switch - High/Low Pressure
 Load Contact: 6 FLA - 36 LRA - 120/240 VAC
 Pilot Duty: 240 VAC @ 120, 480 Va @ 240 VAC
 Electrical Rating Micro Switch..... Micro Switch - Low Pressure
 2.5 FLA - 15 LRA - 120/240 VAC
 Pilot Duty: 120 Va @ 120, 240 Va @ 240 VAC
 Ambient Temperature Storage -30° to +160°F, Operating -20° to +140°F
 Low Pressure - Single Diaphragm Maximum Media Temperature 150°F
 High Pressure - Bellows Design Maximum Media Temperature 300°F
 Internal Pressure Pulsation Snubber Available For Direct Head Mount
 Weight Approximately 0.25 lb. Depending on Configuration
 Compatibility HFC, HCFC, CFC
 Worldwide Approvals UL/CUL/VDE/TUV
 UL/CUL File Number E85974

MODEL NUMBER NOMENCLATURE - Example: PSC-W6S 0097793

| SERIES | FUNCTION | PRESSURE RANGE / CONTACTS | PRESSURE CONNECTIONS | UNIQUE IDENTIFIER |
|-----------------------|---|--|--|-------------------|
| PSC | -W | 6 | S | 0097793 |
| Mini Pressure Control | <p>A = Pressure Control, Automatic, high or low pressure applications (single diaphragm option, 158°F rating, range 1-5 only, without snubber) (bellows option, 300°F rating, with snubber, range 6 only)</p> <p>B = Pressure Cut-Out, External Manual Reset, din/tuv approved (double diaphragm option, 158°F, without snubber, range 1-5) (bellows option, 300°F rating, with snubber, range 6 only)</p> <p>R = Pressure Control, External Manual Reset, high or low pressure applications (single diaphragm option, 158°F rating, range 1-5 only, without snubber) (bellows option, 300°F rating, with snubber, range 6 only)</p> <p>W = Pressure Limiter, Automatic, din/tuv approved (double diaphragm option, 158°F, without snubber, range 1-5) (bellows option, 300°F rating, with snubber, range 6 only)</p> | <p>Standard Contacts</p> <p>1 = low pressure 15" hg to 90 psig</p> <p>5 = high pressure 100 to 465 psig</p> <p>6 = high pressure 145 to 623 psig</p> <p>Microswitch Contacts</p> <p>J = low pressure 15" hg to 90 psig</p> | <p>K = 1m (3 ft) cap tube with 1/4" flare nut (range 1-5)</p> <p>I = 1m (3 ft) cap tube with 1/4" odm solder connection (range 1-5)</p> <p>S = 1/4" female flare fitting, schrader depressor (range 1-6)</p> | |

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| HIGH EVENT RANGE (PSIG) | DIFFERENTIAL RANGE (PSID) | PRESSURE SETTING | RESET FUNCTION | PRESSURE CONNECTION | ELECTRICAL CONNECTION | ELECTRICAL RATINGS | MAXIMUM OVER PRESSURE | MOUNTING OPTIONS | MODEL NUMBER | ITEM NUMBER |
|-------------------------------|---------------------------|------------------|-----------------------------------|--|---|--------------------|-----------------------|----------------------------|------------------------------------|---------------|
| LOW PRESSURE CONTROLS | | | | | | | | | | |
| 15 to 90 | 9 Low/15 High | 5/15 | Auto | 1/4" Female Flare with Schrader Depressor Range 1-6 | DIN Plug with 1/2" NPTF Hub for Flex Conduit Connection 36" Cable | 6 FLA/36 LRA | 360 psig | Free Standing Direct Mount | PSC-A1S 0097849 | 097849 |
| 15 to 90 | 4 Low/7 High | 1.5/6 | Auto | 1/4" Female Flare with Schrader Depressor Range 1-6 | DIN Plug with 1/2" NPTF Hub for Flex Conduit Connection 36" Cable | 2.5 FLA/15 LRA | 360 psig | Free Standing Direct Mount | PSC-AJS 0097815¹ | 097815 |
| HIGH PRESSURE CONTROLS | | | | | | | | | | |
| 145 to 623 | 72 Low/87 High | 395 | Pressure Cut-Out, External Manual | 1/4" Female Flare with Schrader Depressor Plus Stainless Steel Bellows with Snubber, Range 1-6 | DIN Plug with 1/2" NPTF Hub for Flex Conduit Connection 36" Cable | 6 FLA/36 LRA | 695 psig | Free Standing Direct Mount | PSC-B6S 0097998 | 097998 |
| 145 to 623 | 72 Low/87 High | 320/395 | Pressure Limiter, Auto | 1/4" Female Flare with Schrader Depressor Plus Stainless Steel Bellows with Snubber, Range 1-6 | DIN Plug with 1/2" NPTF Hub for Flex Conduit Connection 36" Cable | 6 FLA/36 LRA | 695 psig | Free Standing Direct Mount | PSC-W6S 0097793 | 097793 |

¹ Micro-Switch Construction.