

Pressure Switches



High precision control at economical prices...



Automatic Reset High, Low & Condenser Fan Cycling Pressure Switches

Features

- High Pressure SPST open on pressure rise
- Low Pressure SPST open on pressure fall
- Condenser Fan Cycling SPST open on pressure rise
- 1/4" SAE Female flare fitting with valve core depressor
- Snap acting stainless steel hermetically sealed sensor (SHP, SLP & SFC)
- Small size and light weight for direct mounting
- Excellent set point repeatability/stability
- Pressure Range: 0 to 650 PSI
- Burst Pressure: 5000 PSI

- Life @ Rated Load: 100,000 cycles
- Rated Voltage: 50/60 Hz, 24/120 / 240 Volts (6 RLA, 36 LRA)
- Temperatures: Ambient 20°F to 176°F (-30°C to 80°C). Fluid 60°F to 250°F (-50°C to 120°C).

Applications

- Refrigeration systems
- Air conditioning systems
- Heat pump systems

Specifications/Competitive Comparison

| LOW PRESSURE | | | | | | | | | | |
|--------------|----------|-----------|-----------|-----------------------|-------|------------|----------|---------------------|-----------------|------------|
| PART NO. | OPEN PSI | CLOSE PSI | TOLERANCE | KLIXON | MARS | A-1 | RANCO | ROBERTSHAW | JOHNSON CONTROL | GLOBAL |
| SLP0520 | 5 | 20 | ±5 PSI | PS80-K2-F0305-020-005 | 33329 | PS-LP05-20 | MPL-7001 | 3101-001 | P100AC-1C | GLP329 |
| SLP0530 | 5 | 30 | ±5 PSI | N/A | N/A | N/A | N/A | 3100-002, MG20-1132 | N/A | N/A |
| SLP1025 | 10 | 25 | ±5 PSI | PS80-K2-F0307-025-005 | 33330 | PS-LP10-25 | MPL-7011 | 3100-050 | P100AP201C | GLP330 |
| SLP1535 | 15 | 35 | ±5 PSI | PS80-K2-F0312-035-005 | 33333 | N/A | MPL7002 | 3100-001, MG20-1026 | P100AC2 | N/A |
| SLP2045 | 20 | 45 | ±5 PSI | N/A | N/A | N/A | N/A | 3100-003, MG20-1133 | N/A | N/A |
| SLP2550 | 25 | 50 | ±5 PSI | PS80-K2-F0316-050-005 | 33362 | PS-LP25-50 | MPL-7012 | MG21-2033 | N/A | GLP362 |
| SLP2565 | 25 | 65 | ±5 PSI | PS80-K2-F0323-065-005 | 33336 | N/A | N/A | 3101-002 | N/A | N/A |
| SLP2580 | 25 | 80 | ±5 PSI | PS80-K2-F0325-080-005 | 33363 | PS-LP25-80 | MPL-7003 | 3101-003, 3100-051 | N/A | GLP363 |
| SLP3560 | 35 | 60 | ±5 PSI | N/A | N/A | N/A | MPL7004 | 3100-004, MG20-1593 | N/A | N/A |
| SLP4560 | 45 | 60 | ±5 PSI | N/A | N/A | N/A | MPL7005 | N/A | P100AP2C | N/A |
| SLP4080 | 40 | 80 | ±5 PSI | PS80-K2-F0326-080-005 | 33364 | PS-LP40-80 | MPL-7014 | 3101-005, 3100-052 | N/A | GLP364 |
| SLP5090 | 50 | 90 | ±5 PSI | PS80-K2-F0328-090-005 | 33339 | N/A | N/A | N/A | N/A | N/A |
| SLP75100 | 75 | 100 | ±5 PSI | N/A | N/A | N/A | N/A | N/A | N/A | GLP342410A |
| SLP90120 | 90 | 120 | ±5 PSI | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

| HIGH PRESSURE | | | | | | | | | | |
|---------------|----------|-----------|-----------|----------------------|--------------|--------------|----------|--------------------------------|------------------------|------------|
| PART NO. | OPEN PSI | CLOSE PSI | TOLERANCE | KLIXON | MARS | A-1 | RANCO | ROBERTSHAW | JOHNSON CONTROL | GLOBAL |
| SHP200150 | 200 | 150 | ±15 PSI | PS80-K1-0334-200-150 | 33353 | PS-HP200-150 | N/A | N/A | N/A | GHP353 |
| SHP250150 | 250 | 150 | ±15 PSI | PS80-K1-0336-250-150 | 33354 | PS-HP250-150 | N/A | N/A | N/A | GHP354 |
| SHP250180 | 250 | 180 | ±15 PSI | N/A | N/A | N/A | MPH7101 | N/A | N/A | N/A |
| SHP275195 | 275 | 195 | ±15 PSI | PS80-K1-0339-275-195 | 33310 | N/A | MPH-7102 | 3100-112 | P100CC9C | N/A |
| SHP300200 | 300 | 200 | ±15 PSI | PS80-K1-0341-300-200 | 33355 | PS-HP300-200 | MPH-7103 | N/A | N/A | GHP355 |
| SHP325225 | 325 | 225 | ±15 PSI | N/A | N/A | N/A | MPH7104 | N/A | N/A | N/A |
| SHP325230 | 325 | 230 | ±15 PSI | PS80-K1-0346-325-230 | 33313 | N/A | N/A | N/A | N/A | N/A |
| SHP350250 | 350 | 250 | ±15 PSI | PS80-K1-0348-350-250 | 33356, 33316 | PS-HP350250 | MPH-7105 | 3101-201, 3100-150, MG21-1125 | N/A | GHP356 |
| SHP375265 | 375 | 265 | ±15 PSI | PS80-K1-0353-375-265 | 33319 | N/A | MPH-7106 | 3100-111 | N/A | N/A |
| SHP400200 | 400 | 200 | ±15 PSI | PS80-K1-0357-400-200 | 33357 | PS-HP400-200 | N/A | 3100-152 | N/A | GHP357 |
| SHP400280 | 400 | 280 | ±15 PSI | PS80-K1-0358-400-280 | 33322 | N/A | N/A | N/A | N/A | N/A |
| SHP400300 | 400 | 300 | ±15 PSI | PS80-K1-0359-400-300 | 33358 | PS-HP400-300 | MPH-7107 | 3101-202, 3100-151, 6 MG21-112 | P100CA-1C/ P100CP1C | GHP358 |
| SHP425300 | 425 | 300 | ±15 PSI | PS80-K1-0360-425-300 | 33325 | N/A | N/A | N/A | N/A | N/A |
| SHP425325 | 425 | 325 | ±15 PSI | N/A | N/A | N/A | MPH7108 | 3100-100/3100-203, MG21-1046 | P100CA2C/ P100CP2C | N/A |
| SHP450250 | 450 | 250 | ±15 PSI | PS80-K1-0363-450-250 | 33359 | PS-HP450-250 | N/A | N/A | N/A | GHP359 |
| SHP600475 | 600 | 475 | ±15 PSI | N/A | N/A | N/A | N/A | N/A | N/A | GHP361410A |
| SHP610420 | 610 | 420 | ±15 PSI | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

| MANUAL RESET HP | | | | | | | | | | |
|-----------------|----------|-----------|-----------|-------------|-------|------------|---------|--------------------|-----------------|--------|
| PART NO. | OPEN PSI | CLOSE PSI | TOLERANCE | KLIXON | MARS | A-1 | RANCO | ROBERTSHAW | JOHNSON CONTROL | GLOBAL |
| SMR375 | 375 | | ±15 PSI | N/A | N/A | N/A | MPH7109 | N/A | P100DC3C | N/A |
| SMR410 | 410 | | ±15 PSI | 29PSL012-24 | 33365 | PSMF-HP410 | MPH7110 | 3101-301, 3100-103 | P100DA-1C | N/A |
| SMR440 | 440 | | ±15 PSI | N/A | N/A | N/A | N/A | 3100-104 | N/A | N/A |
| SMR610 | 610 | | ±15 PSI | N/A | N/A | N/A | N/A | N/A | N/A | N/A |