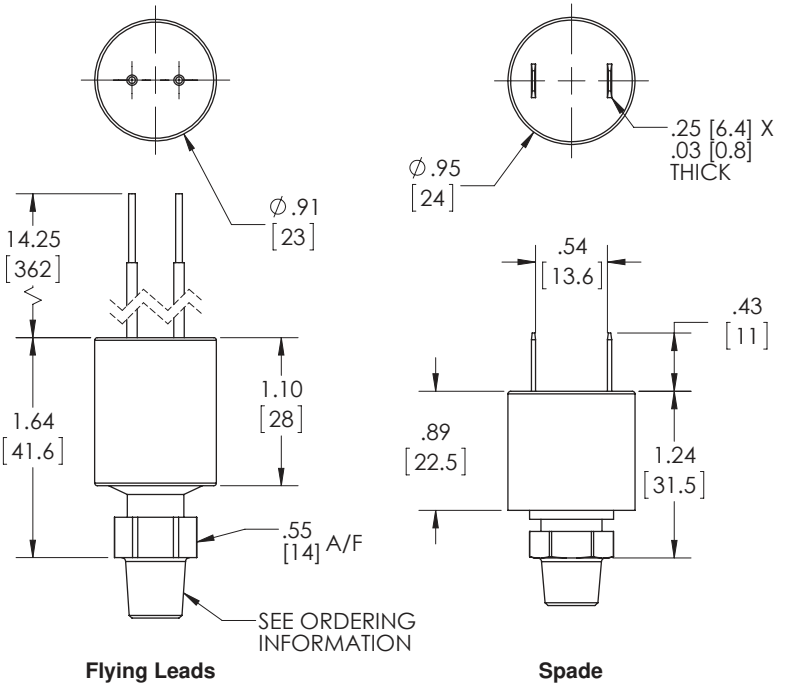




Sensors Inc.

# SPF Pressure Switch

ALL STAINLESS STEEL CONSTRUCTION



**ELECTRICAL:**

24V/125 VA, 120/240V/375 VA, 6A/36 VDC  
Maximum Amperage @ 12 VDC - 13.5 Amp

**PROTECTION:**

IP68 except exposed terminals – IP00

**MECHANICAL LIFE:**

150,000 cycles

**SWITCH TYPE:**

Snap Action

**REPEATABILITY:**

$\pm 3$  PSI of set point

**MAXIMUM OPERATING PRESSURE:**

1000 PSI (69 Bar) for actuation from 700 PSI (45 Bar)  
2500 PSI (172 Bar) for actuation from 2000 PSI (138 Bar)

**PRESSURE RANGES:**

For Set Points From:  
5 - 700 psi (.35 - 48 Bar)  
700 - 2000 psi (48 - 138 Bar)

**WETTED MATERIAL:**

Diaphragm: Stainless Steel  
Port: Stainless Steel  
Housing: Stainless Steel

**WEIGHT:**

0.10 LBS  
(0.05 kg)

**TEMPERATURE RANGE:**

-22° to +180°F (-30° to +82°C)

**ORDERING INFORMATION**

Minimum Order Required - Consult Factory

| SPF                   | - 50  | - R  | - 4M  | - A                            | - FL  |
|-----------------------|---|--|---|--------------------------------|---|
| Model                 | Set Point   | Direction  | Port Size   | Circuit                        | Terminal  |
| SPF<br>Factory<br>Set | Specify<br>Set Point<br>5 - 2000 PSI<br>(.35 - 138 Bar) | R - PSI Rising<br>F - PSI Falling<br>BR - Bar Rising<br>BF - Bar Falling | 2M - 1/8 NPT*<br>4M - 1/4 NPT<br>2G - 1/8 BSPP<br>4G - 1/4 BSPP<br>4S - 7/16 X 20 SAE MALE<br><br>*Standard<br>All Others Special<br>Order Only | A - SPST / NO<br>B - SPST / NC | SP - 1/4" x 1/32" Spade<br>FL - 18" Flying Leads<br>FLWTF - Weatherpack Tower Female<br>FLWTM - Weatherpack Tower Male<br>FLWSF - Weatherpack Shroud Female<br>FLWSM - Weatherpack Shroud Male<br><br>Consult Factory<br>for Longer Leads |