

Made in USA

FEATURES / BENEFITS

- Dual Set Point
- Miniature size, lightweight, low cost
- Quick response time
- Dependable long life (20+ million cycles)
- Gold contact points

SPECIFICATIONS

MECHANICAL

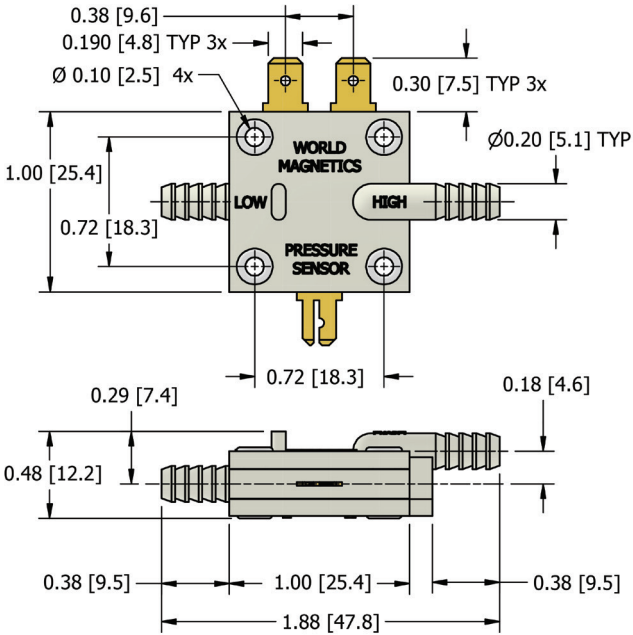
| | |
|------------------------------|--|
| Standard Set Point Tolerance | ±20% (Tighter tolerances available) |
| Switch Type | SPST normally open |
| Switching Medium | Air; compatible fluids on "High" side |
| Mechanical Life | More than 20 million cycles |
| Maximum Operating Pressure | 15psi: for units with polyurethane diaphragm 8psi: for units with Teflon® diaphragm |
| Operating Temp. | +40°F to +150°F (standard) -46°F to +205°F (contact us) |

PHYSICAL

| | |
|------------------------|--|
| Case Material | Polycarbonate (other materials available) |
| Porting Options | Two .200" diameter barbed ports (low / high) for use with 1/8" - 3/16" ID tubing |
| Diaphragm Material | Polyurethane / Teflon® (other material options available) |
| Contact Points | Gold |
| Electrical Connections | Terminals – .187"x.020" tab-type, for use with quick disconnects (ref. AMP 2-520182-2 or equivalent) |
| Mounting | Eyeleted for #2 screws; |
| Weight | Less than 10 grams |

ELECTRICAL

| | |
|-------------------|---|
| Current Rating | Up to 40mA resistive |
| Operating Voltage | AC/DC – 30V or less with resistive load; 120 VAC neon lamp load |



SET POINT OPTIONS (Choose Any Two)

| | 4.0 | 6.0 | 8.0 | 10.0 | 12.0 | 14.0 | 16.0 | 18.0 | 20.0 | 25.0 | 30.0 | 35.0 | 40.0 | 45.0 | 50.0 |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| In. H ₂ O | 4.0 | 6.0 | 8.0 | 10.0 | 12.0 | 14.0 | 16.0 | 18.0 | 20.0 | 25.0 | 30.0 | 35.0 | 30.0 | 45.0 | 50.0 |
| mbar | 9.96 | 14.94 | 19.92 | 24.90 | 29.88 | 34.86 | 39.84 | 44.82 | 49.80 | 62.27 | 74.70 | 87.18 | 99.63 | 112.09 | 124.54 |
| psi | 0.144 | 0.216 | 0.288 | 0.360 | 0.432 | 0.504 | 0.576 | 0.650 | 0.722 | 0.900 | 1.080 | 1.260 | 1.440 | 1.620 | 1.806 |

www.worldmagnetics.com

PSF200 SERIES