



# IPS 200 Indicating Pressure Switch

**Holland®**  
**APPLIED TECHNOLOGIES**  
 Indianapolis • Chicago • San Juan  
[www.hollandapt.com](http://www.hollandapt.com)  
 800-800-8464

The Anderson Pharmaceutical Series IPS 200 Indicating Pressure Switch is a gauge with two independent switches. This gauge offers user adjustable high and low setpoints and provides a separate solid state, ground closure switch for each. The solid state circuit requires an external 12-24 VDC supply, and each switch is capable of handling 1 amp maximum at 24 VDC. Switches will automatically reset themselves once the process variable clears the setpoint. An optional 115 or 230 VAC interface module will provide a SPDT (Form "C") electromechanical relay for each setpoint which will switch up to 6 amps. Specifications for the Pharmaceutical Gauge apply to the IPS 200 as well.



## SPECIFICATIONS

### Low Setpoint Range:

5-70% of full scale

### High Setpoint Range:

30-90% of full scale (setpoints cannot cross)

### Operating Voltage:

12-24 VDC

### Operating Current:

50 mADC

### Switching Hysteresis:

(Deadband): 3% of full scale

### Effect of Re-zero Feature:

Sets pointer only

### Cable:

#24 AWG, 4 conductor

### Cable Length:

(with optional module): 10' standard, 200' max

### Cable Length:

(without module) 10' standard, 25' max at full rated load

### Diaphragm:

Welded 316L stainless steel, electropolished  
 Minimum Ra = 8 microinches (.2 microns)

### Fitting:

Welded 316L stainless steel polished (180 grit)

### Case and Stem:

Welded 304 stainless steel polished (180 grit)

### Crystal:

Polysulfone, 0.80" min. thickness, corrosion resistant

### Dial:

3.5" diameter (90mm); pressure sensitive adhesive

## OPTIONAL INTERFACE MODULE

### Operating Voltage:

90 to 260 VAC, 50/60 Hz, 10 VA max

### AC Dip and Surge Protection:

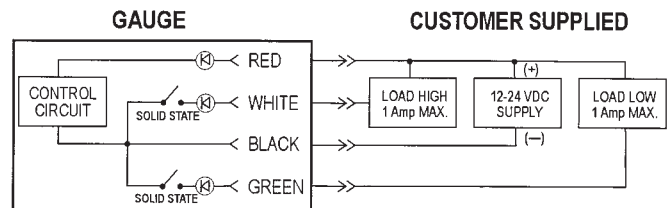
60 to 375 VAC for 5 seconds max

### Operating Current:

1/8 amp, 115-230 VAC

### Relay Contact Rating:

6 amp, 250 VAC inductive/resistive and 4 amp, 30 VDC max



NOTE: The Anderson IPS 200 cannot be glycerine filled or autoclaved. Specifications are subject to change.

# Complete Product Ordering Matrix



**PRESSURE RANGE**

029 30" Hg/0/30 psig (-1/0/2 Bar)  
 031 30" Hg/0/60 psig (-1/0/4 Bar)  
 032 30" Hg/0/100 psig (-1/0/7 Bar)  
 033 30"-0-160 (-1/0/11 Bar)  
 034 30" Hg/0/300 psig (-1/0/20 Bar)  
 066 0-30 psig (0-2 Bar)  
 069 0-60 psig (0-4 Bar)  
 071 0-100 psig (0-7 Bar)  
 074 0-160 psig (0-11 Bar)  
 077 0-300 psig (0-20 Bar)  
 082 0-600 psig (0-40 Bar)

055 -1/0/2 Bar  
 056 -1/0/4 Bar  
 058 0/2.5 Bar  
 060 0/6 Bar  
 061 0/10 Bar  
 064 0/16 Bar  
 067 0/40 Bar

**DIAL NAME/LOGO**

01 Anderson

**PROCESS CONNECTION**

004 1 1/2" Tri-Clamp  
 005 2" Tri-Clamp  
 010 1 1/2" APC "K" Clamp  
 011 2" APC "K" Clamp  
 016 1 1/2" Cherry-Burrell I-line (male)  
 017 2" Cherry-Burrell I-line (male)  
 022 1 1/2" Val-Line (male)  
 023 2" Val-Line (male)  
 027 1 1/2" G & H "H" line  
 028 2" G & H "H" line  
 032 1 1/2" Cherry-Burrell "Q"  
 033 2" Cherry-Burrell "Q"  
 051 1 1/2" APC K-15W XF (female) self-aligning  
 052 2" APC K-15 W XF (female) self-aligning  
 123 Anderson "CPM" Flushmount

**MOUNTING**

1 Bottom  
 5 Left  
 6 Right

**DAMPENING**

0 None  
 1 Mechanical Dampening

**CAPILLARY FILL**

1 Mineral Oil  
 4 80/20 Glycerin/H<sub>2</sub>O (Standard)  
 5 Propylene Glycof (Neobee M-20)

**MODULE & CABLE**

00 No Module, 10' Cable  
 01 No Module, 25' Cable  
 02 With Module & 10' Cable  
 04 With Module & 20' Cable  
 06 With Module & 30' Cable  
 08 With Module & 40' Cable  
 10 With Module & 50' Cable  
 15 With Module & 75' Cable  
 20 With Module & 100' Cable  
 21 With Module & 125' Cable  
 22 With Module & 150' Cable  
 23 With Module & 175' Cable  
 24 With Module & 200' Cable

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