



FLOW  
LEVEL  
PRESSURE  
ANALYTICAL  
TEMPERATURE  
INSTRUMENTATION  
PASTEURIZATION CONTROLS

## IPS 100 - INDICATING PRESSURE SWITCH

- *316L stainless steel wetted surface provides superior, long-term corrosion resistance*
- *Can be cleaned (steamed) in place which saves time*
- *Permanently filled and sealed sensing system provides pulsation dampening and long life*
- *Wide variety of sanitary fittings available which are easily matched to existing piping*
- *3-A compliant; Third party verified in accordance with standard 74-02*
- *Operate at process temperatures up to 250°F (121°C)*
- *Ranges between 30" Hg and 15,000 psig*

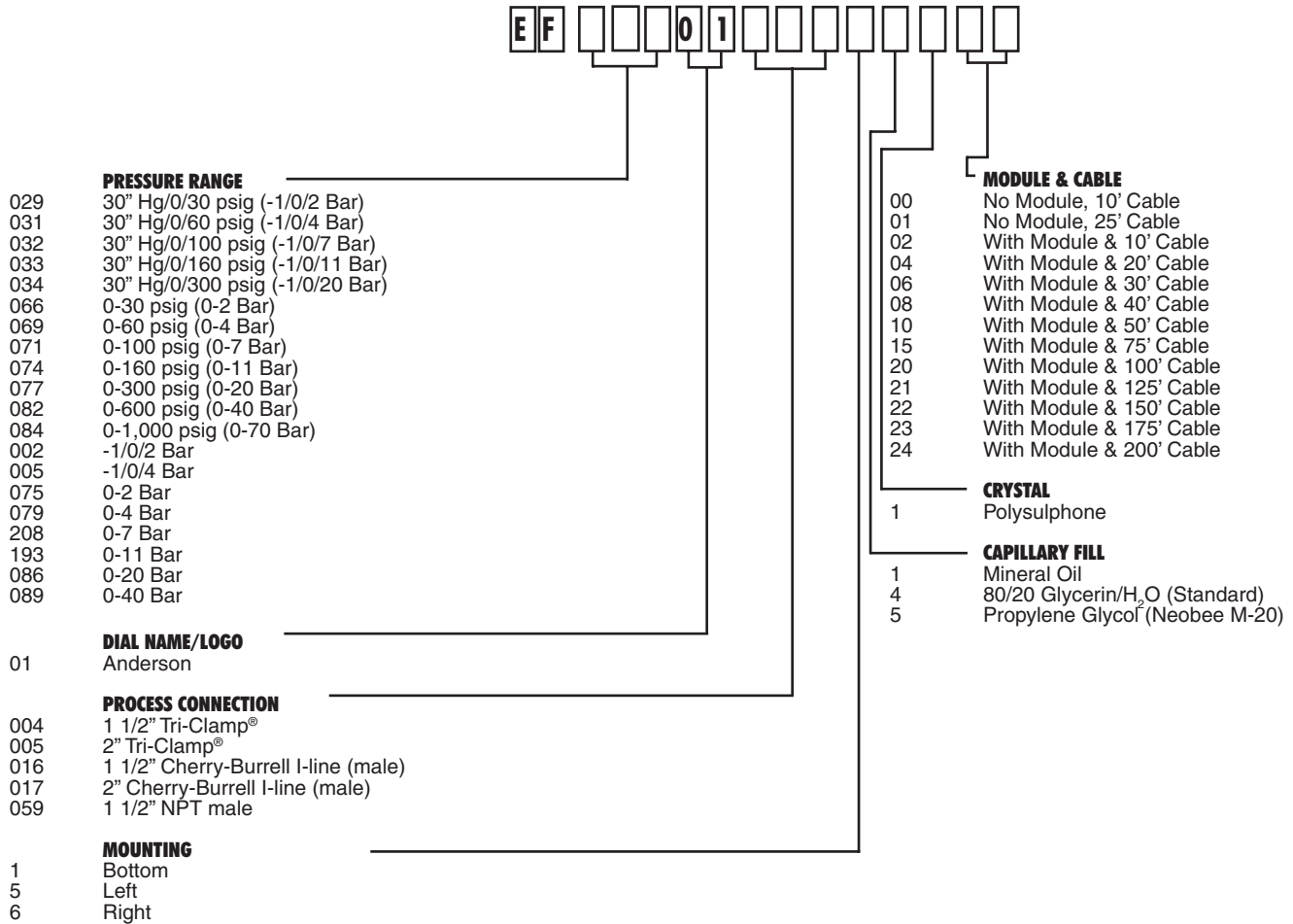
The Anderson 90mm IPS 100 - Indicating Pressure Switch is a gauge with two switches. This gauge offers user adjustable high and low setpoints and provides a separate solid state, ground closure switch for each. The solid state circuit requires an external 12-24 VDC supply,

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") electro-mechanical relay for each

setpoint which will switch up to 6 amps. The switches are available on either Anderson's Standard Series, or Pharmaceutical Series 90mm gauges and do not affect the normal specifications. (Form #3389)



# Complete Ordering Matrix



## SPECIFICATIONS

### IPS 100

|                                      |   |
|--------------------------------------|---|
| 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      |

### OPTIONAL INTERFACE MODULE

|                              |   |
|------------------------------|---|
| Operating Voltage:           | 90 to 260 VAC, 50/60 Hz, 10 V 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. |
| Power Loss Hold Up Time:     | 40 milliseconds at full load and 115 VAC min.             |

**NOTE:** The Anderson IPS 100 cannot be glycerine filled or autoclaved.