



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*

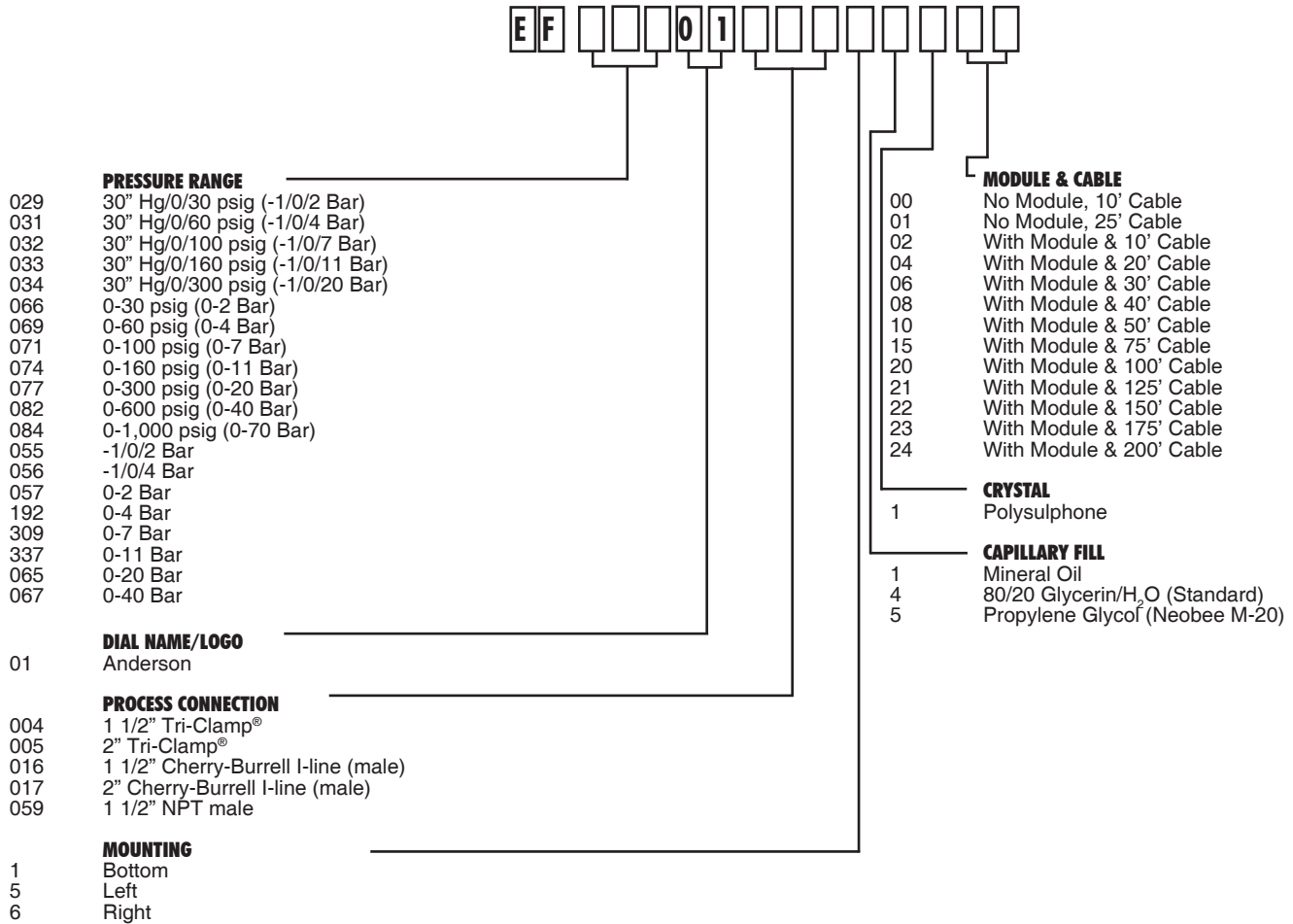
The Anderson 90mm IPS 100 - Indicating Pressure Switch is a gauge with two switches. This gauge offers user adjustable high and low setpoints and provides a separate solid state, ground closure switch for each. The solid state circuit requires an external 12-24 VDC supply,

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.