Features

- ► Ease of setting: teach & go
- Ultra compact construction
- Rotatable 320° housing
- ▶ 1 or 2 switchpoints
- Programmable Adjustable hysteresis¹
- Excellent for high cycling DC applications

Applications

- OEM applications in hydraulic and pneumatic systems
- Press machines
- Lubricant monitoring systems
- Machine tool industry
- Automotive test equipment
- Injection molding machines



General Specifications*

Sensor Element:	Piezoresistive silicon (only for 9000 psi range) or ceramic measuring cell
Materials: Wetted Parts: Electonics Housing: Seals:	Stainless steel, pass., Al2O3 PA 6.6 Viton® (FKM)
Operating Elements:	2 easy response push buttons
Enclosure Rating:	IP65 (indoor only)
Process Connection (male):	1/4" NPT, G1/4, 7/16-20 (37° JIC), 7/16-20 UNF (SAE)
Dimensions:	Approx. Ø 1.0" x 3.9" (without mating connector)
Measuring Ranges:	0 to 9000 PSI (0 to 600 bar)
Proof Pressure:	1.5 times rated pressure
Electrical Connection:	M12x1, 4-pin

 $[\]ensuremath{^{\star}}$ See Product Configurator for additional options.

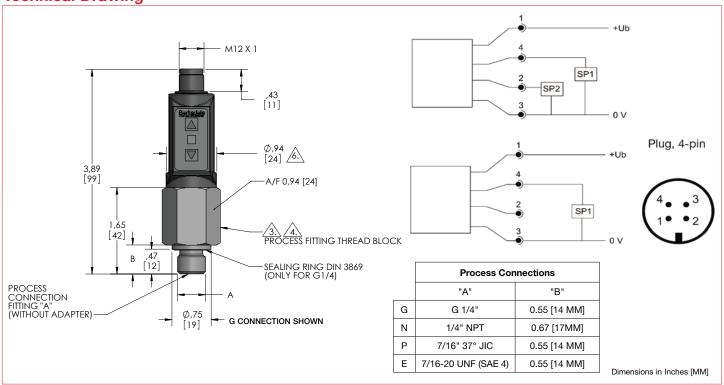
Thermal Effect:	± 0.2 % f.s./10K
mermai Lilect.	± 0.2 % 1.S./ TUK
Compensated Range:	14°F to 158°F (-10 °C to +70 °C)
Repeatability:	+/- 1 % f.s.
Temperature Range: Media: Ambient: Storage:	-13°F to 212°F (-25 °C to +100 °C) -13°F to 176°F (-25 °C to +80 °C) -22°F to 176°F (-30 °C to +80 °C)
Power Supply:	15 to 32 V DC, reversed polarity protected (SELV, PELV)
Transistor Switching Outputs PNP: Adjustment Range for Switching Point & Hysteresis¹: Frequency Response: Current Rating:	0 % to 100 % f.s. Max. 100 Hz Max. 200 mA
Vibration:	10 g/20 to 2000 Hz
Shock:	100 g/11 ms

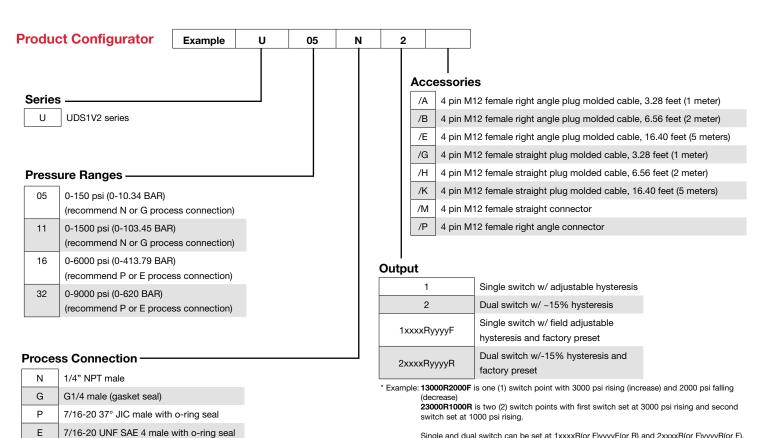
Note 1: For 1SP version, adjustable hysteresis (2SP version has built-in 15% hysteresis)

Electronic Pressure Switch



Technical Drawing





where F denotes falling and R denotes rising.

Single and dual switch can be set at 1xxxxR(or F)yyyyF(or R) and 2xxxxR(or F)yyyyR(or F),