



### Features

- Combines Features of a Pressure Gauge, Switch and Transducer in One Device
- Alphanumeric Display, Programmable with Large, Easy-to-Use Push Buttons
- 2 Independent Programmable Switch Points
- Window Control
- Rugged, 316 Stainless Steel Construction
- 330° Rotatable Display for Better Viewing
- Continuous Error Monitoring with Display Indication & Contact Closure

### Performance Characteristics

**Accuracy:** (LH&R) ± 0.3%  
**Proof Pressure:** 1.5X or 14,500 psi - whichever is less  
**Warranty:** 3 Years

### Switch

**Repeatability:** ± 0.1% of FSO  
**Rating:** 500 mA  
**Adjustable Range:** 0-125% of FSO  
**Deadband:** 0-125% FSO  
**Time Delay:** 0 to 9.9 sec. programmable

### Input

**Supply Voltage:** 18 to 32 VDC, unregulated, 10% max residual ripple. Switch is reverse polarity protected to 75 VDC  
**Current Consumption:** 50 mA@24 VDC (without load)

### Analog Output Signal

**Current:** 4-20 mA  
**Load:** RI = 600 OHMS at 24 VDC loop voltage  
**Voltage Output:** 0 - 10 VDC, 10 mA max

### Visual Displays

**Set Point Process:** 4 digit LED, alphanumeric display with programmable brightness  
**Status:** LED: green (S1) & (S2) and red (AL), alphanumeric display

### Physical

**Weight:** Approx. 13 oz. (350 g)  
**Wetted Parts:** 316 Stainless Steel, Viton®, Other Seals Available  
**Enclosure:** 316 Stainless Steel Watertight IP65  
**Pressure Connection:** 7/16 20 male SAE #4  
**Electrical Connection:** 5 pin Hirschmann™ style, 12 mm angled field wired connector



CE Qualified

Pressure Range (psi)	Catalog Number	
	4-20 mA	0-10VDC
0-150	PS7-05-I	PS7-05-V
0-700	PS7-34-I	PS7-34-V
0-1500	PS7-11-I	PS7-11-V
0-3000	PS7-13-I	PS7-13-V
0-6000	PS7-16-I	PS7-16-V
0-9000	PS7-32-I	PS7-32-V
0-11000	PS7-33-I	PS7-33-V

### Approvals

CE Qualified: EN50081-1 and 2, EN50082-1 and 2

### Environmental

#### Temperature Ranges

**Media:** -13°F to 212°F (-25°C to 100°C)  
**Operating:** 14°F to 160°F (-10°C to 70°C)  
**Storage:** -22°F to 176°F (-30°C to 80°C)

#### Standard Options

I = Current  
V = Voltage

#### Consult Factory for the Following:

G - G1/4  
GF - G1/2 - Flush Mount  
N - 1/4 NPT  
L - LCD Display

To order options, add suffix.

Example: PS7-05-V

Consult factory for other options & design variations not listed.

