



# PS1G



Pressure Range (psi)	Catalog Number
0-150	PS1G-05
0-750	PS1G-31
0-1500	PS1G-11
0-3000	PS1G-13
0-6000	PS1G-16
0-9000	PS1G-32

Note: Bar pressure ranges available. Consult factory.

### Features

- Single Function Switch
- Compact Size
- Factory Set Deadband

### Performance Characteristics

Repeatability	±0.1% full scale
Long Term Stability	±0.5% FS of calibration curve
Proof Pressure	1.5 times pressure range, 14,500 psi (1000 bar) maximum
Warranty	3 years

### Switch

Type	SPST N.O., Transistor
Repeatability	±0.1% full scale
Rating	500 mA @ 30 VDC
Adjustable Range	5 to 125% full scale
Activation	Factory set rising pressure
Deadband	Factory set, 15% of switch point

### Input

Supply Voltage	10-30 VDC (unregulated)
Current Consumption	10 mA without load

### Visual Display

Status	One (1) red diode
Power On	One (1) green diode

### Physical

Weight	0.19 lb. (85 grams)
Wetted Parts	300 series stainless steel
Enclosure	Anodized aluminum & plexiglas
Rating	NEMA 4, (IP 65)
Pressure Connection	1/4" NPT male
Electrical Connection	Hirschman 5 pin less mating electrical connection ELWIK 5012 for 16-24 AWG Cable

### Environmental

#### Temperature Ranges

Operating	0 to 158°F (-18 to 70°C)
Compensated	14 to 158°F (-10 to 70°C)
Storage	-22 to 176°F (-30 to 80°C)

#### Temperature Shift

Zero & Span	±1.0% FSO maximum over compensated range
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### Standard Options

- XX User specified deadband, between 1 to 50% of range where xx is percent (%) of dead band.
- J SPST N.C. Switch

To order options: add suffix. Example: PS1G-05-J

Consult factory for other options and design variations not listed.