

This broad Ashcroft® switch series is easy to use and readily retrofits to virtually all process, industrial and OEM applications.

- Single or dual independently adjustable setpoints meet all setpoint requirements
- Watertight NEMA 4X, IP65 enclosure
- 316 SS construction
- Choice of switch elements for all applications, including hermetically sealed
- Fixed or fully adjustable deadband
- Approved for UL and CSA ratings

1 - FUNCTION

- GPA** - Pressure control, single setpoint, adjustable deadband
- GPD** - Pressure control, two independently adjustable setpoints, fixed deadband
- GPS** - Pressure control, single setpoint, fixed deadband
- GDA** - Differential pressure control, single setpoint, adjustable deadband
- GDD** - Differential pressure control, two independently adjustable setpoints, fixed deadband
- GDS** - Differential pressure control, single setpoint, fixed deadband

2 - ENCLOSURE

- N4** - NEMA 4/4X, IP65 (watertight and corrosion resistant)

3 - SWITCH ELEMENTS FOR GPA & GDA CONTROLS

Code	Description/Maximum Electrical Ratings UL/CSA Listed
H	General purpose 10A, 125/250 Vac 1/2A, 125 Vdc 1/4A, 250 Vdc
J	Hermetically sealed switch, general purpose 11A, 125/250 Vac 5A, 30 Vdc

SWITCH ELEMENTS FOR GPD, GPS, GDD & GDS CONTROLS

Code	Switch Elements UL/CSA Listed	
	Single (GS)	Dual (GD)
K ⁽⁴⁾	KK	Narrow deadband 15A, 125/250 Vac
F ⁽⁴⁾	FF	Sealed environment proof 15A, 125/250 Vac
G ⁽⁵⁾	GG	General purpose 15A, 125/250/480 Vac 1/2A, 125 Vdc 1/4A, 250 Vdc
P ⁽³⁾	PP	Hermetically sealed switch, narrow deadband 5A, 125/250 Vac
J	JJ	Hermetically sealed switch, general purpose 11A, 125/250 Vac 5A, 30 Vdc

• Wide choice of actuators, including designs for fire-safe and NACE applications⁽⁷⁾

• Standard pressure connection materials:

Pressure psi ranges
- 316L stainless steel

Differential psid ranges
- 316 stainless steel standard

Pressure and differential inches of water ranges
- 316 stainless steel standard

• Readily available

• 3A sanitary connection available⁽⁷⁾

4 - ACTUATOR SEAL⁽¹⁾

Code & Material	Process Temp. ⁽²⁾ °F	Range			
		Vac. in. H ₂ O	0-600 psi	1000 psi	2000-3000 psi
B-Buna N	0 to 150	●	●	●	●
V-Viton	20 to 300	●	●	●	●
T-Teflon	0 to 150	●	●	●	●
S-SS ⁽⁶⁾	0 to 300		●	●	
P-Monel ⁽⁶⁾	0 to 300		●	●	

5 - PRESSURE PORT⁽¹⁾

Order Code	
25	¼ NPT Female
06	¼ NPT Female and ½ NPT Male Combination
07	½ NPT Female

6 - OPTIONS

See pages 229-230

7 - STANDARD PRESSURE RANGES

See page 228

NOTES:

1. These items are wetted by process fluid.
2. Ambient operating temperature limits -20 to 150°F, all styles. Setpoint shift of ±1% of range per 50°F temperature change is normal. Switches calibrated at 70°F reference.
3. Estimated dc rating, 2.5A, 28 Vdc (not UL listed).
4. Estimated dc rating, .4A, 120 Vdc (not UL listed).
5. Not UL listed at 480 Vac.
6. Available on pressure only.
7. Refer to Option Table.

TO ORDER THIS G-SERIES PRESSURE SWITCH:

Select: _____ GPD N4 GG B 25 X07 30 psi

1. Function: _____
2. Enclosure: _____
3. Switch Element: _____
4. Actuator Seal: _____
5. Pressure Port: _____
6. Options (see pages 229-230): _____
7. Pressure Range (see page 228): _____



HERMETICALLY SEALED SWITCH

We recommend hermetically sealed switch elements for improved reliability. The hermetically sealed switch provides uncompromising contact protection in harsh or corrosive environments. The Ashcroft G Series is also approved for installation in Division II hazardous areas when supplied with hermetically sealed contacts.

Features:

- UL-recognized component, guide WSQ2, File E85076
- All-stainless steel welded construction



Consult factory for guidance in product selection
Phone (203) 385-0217, Fax (203) 385-0602 or
visit our web site at www.ashcroft.com