

*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, IP66 enclosure
- Choice of switch elements for all applications, including hermetically sealed
- Fixed or adjustable deadband

**1 - FUNCTION**

- LPA** - Pressure control, single setpoint, adjustable deadband
- LPD** - Pressure control, two independently adjustable setpoints, fixed deadband
- LPS** - Pressure control, single setpoint, fixed deadband
- LDA** - Differential pressure control, single setpoint, adjustable deadband
- LDD** - Differential pressure control, two independently adjustable setpoints, fixed deadband
- LDS** - Differential pressure control, single setpoint, fixed deadband

**2 - ENCLOSURE**

**N4** - NEMA 4/4X, IP66 (watertight and corrosion resistant)

**3 - SWITCH ELEMENTS FOR LPA & LDA 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 LPD, LPS, LDD & LDS CONTROLS**

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

- Standard pressure connection materials:

Pressure psi ranges  
- 316L SS

Differential psid ranges  
- Nickel-plated brass

Pressure and differential inches of water ranges  
- Carbon steel

- Approved for UL, CSA and FM ratings
- Wide choice of actuators, including designs for fire-safe and NACE applications<sup>(7)</sup>
- Readily available



**4 - ACTUATOR SEAL<sup>(1)</sup>**

Code & Material	Process Temp. <sup>(2)</sup> °F	Range			
		Vac H <sub>2</sub> 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 <sup>(6)</sup>	0 to 300		●	●	

**5 - PRESSURE PORT<sup>(1)</sup>**

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

**6 - OPTIONS**

See page 163-164

**7 - STANDARD PRESSURE RANGES**

See page 162

**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.
3. Estimated dc rating, 2.5A, 28 Vdc (not UL listed).
4. Estimated dc rating, 4A, 28 Vdc (not UL listed).
5. Not UL listed at 480 Vac.
6. Available on pressure only.
7. Refer to Option Table.

**TO ORDER THIS L-SERIES PRESSURE SWITCH:**

**Select:** LPD N4 GG B 25 XK3 30 psi

1. Function: \_\_\_\_\_
2. Enclosure: \_\_\_\_\_
3. Switch Element: \_\_\_\_\_
4. Actuator Seal: \_\_\_\_\_
5. Pressure Port: \_\_\_\_\_
6. Options (page 163-164): \_\_\_\_\_
7. Pressure Range (page 162): \_\_\_\_\_