The Medium Range Pressure Switches are high quality switches designed for a wide range of pneumatic and hydraulic applications. They are easily field adjustable or can be pre-set. With ranges varying between 1-120 bar.

FL - Flying Leads HC -DIN Plug SP - Spade Terminal

M1	1.0 - 100 bar
M2	2.0 - 35 bar
M3	10 - 20 bar
M4	10 - 35 bar
M5	20 - 50 bar
M6	35 - 120 bar

Electrical	5A (12/24 VDC) - (125/250 VAC) 0.5A available (EU)
Protection	DIN 43650A IP65 - HC, Spade Terminal IP00 - SP, Flying Leads IP65 - FL
Mechanical Life	1,000,000 at 4 bar
Diaphragm Material	Nitrile (standard), EPDM and Viton options.
Housing Material	Steel (standard). Stainless Steel options.
Max. Overpressure	620 bar (Some available 827 bar)
Repeatability	+/- 2% full set point @20° C
Differential	10-15%
Weight	Up to 0.17kg

Notes:

- All switches are CE compliant
- Can be supplied with gold contacts for higher accuracy on lower voltage and low currents.
- Viton has a much reduced mechanical life but can withstand higher temperatures
- EPDM is recommended for acidic operations and is not to be used with fuels or oils
- See chemical compatibility chart at www.baccara.com.au for more information
- See reverse for instructions on how to adjust pressure switch settings

Diaphragm	Temperature Range
Nitrile	-23° C to 80° C
EPDM	-23° C to 121° C
Viton	-18° C to 121° C

Follow the ordering system to produce your required pressure switch code

PS	-	XX	-	XX	-	X	-	XX	-	X	-	X	-	X
	RANGE		**CONNECTION**		**SWITCH**		**EC CONNECTION**		**BODY**		**DIAPHRAGM**		**OTHER**	
	1.0 to 100	**M1**	G1/8" Male	**2G**	Normally Open	**A**	DIN Plug	**HC**	Steel *	**1**	Viton	**1**	0.5 Amp	**EU**
	2 to 35	**M2**	1/8" NPT Male	**2M**	Normally Closed	**B**	Flying Leads	**FL**	Brass	**2**	EPDM	**2**	Food	**F**
	10 to 20	**M3**	1/8" NPT Female	**2F**	Change Over	**C**	Spade Terminal	**SP**	St.St.	**3**	Nitrile *	**4**	Gold Contacts	**G**
	10 to 35	**M4**	G1/4"Male	**4G**					Alumin	**4**	Other	**9**	Oxy Clean	**OX**
	20 to 50	**M5**	G1/4" Female	**4B**					Plastic	**5**			Piston	**P**
	35 to 120	**M6**	1/4" NPT Male	**4M**					Other	**9**			Set 50 bar rise ~	**S50R**
			1/4" NPT Female	**4F**									Right Angle	**RA**
			Other	**X**									Adjustable Diaphragm	**ADJ**

* Steel and Nitrile Standard ~ Choose Set Rate - R Rising and F Falling

Examples:

PS-M5-4G-C-HC-1-4 (previously PDCA-3-4G-C-HC)

Pressure Switch - 10 to 34.4 bar - 1/4" BSP Male - Change Over - DIN Plug - Steel Body - Nitrile Diaphragm

PS-M6-4G-B-SP-1-4 (previously PEHA-3-4G-B-SP)

Pressure Switch - 20 to 50 bar - 1/4" BSP Male - Normally Closed - Spade Terminal - Steel Body - Nitrile Diaphragm

Please specify maximum working pressure of system

How to Adjust Pressure Switch Setting

Step 1. Pressurise the switch to the desired setting

Step 2. Insert Allen key through the opening on the top centre of the switch

Step 3. Turn the Allen key clockwise until the contact changes state, ie. from normally closed or vice-versa.

Step 4. Operate the switch through normal cycle & make any necessary adjustment to the setting to compensate for differential. Turn the Allen key clock-wise to increase the setting & counter clock-wise to decrease setting

Standard Electrical Circuit		
Black	1	Common
Green	2	Normally Closed
Red	3	Normally Open