



Features

- Long-life elastomer diaphragm (Ranges 1 – 3)
- Proven sealed piston sensor (Ranges 4 – 8)
- High-quality snap-action switch
- Field adjustable
- Easily customized
- Quick delivery
- NEMA 4, 13

Operating Specifications

Set Point Range	10 – 7500 PSI	(.69 – 517 Bar)
Set Point Tolerance	±5 PSI or 5%	(.34 Bar)
Maximum Operating Pressure	1000 PSI (Ranges 1 – 3)	(69 Bar)
	5000 PSI (Ranges 4 – 7)	(344 Bar)
	7500 PSI (Range 8)	(517 Bar)
Proof Pressure	3000 PSI (Ranges 1 – 3)	(206 Bar)
	15000 PSI (Ranges 4 – 7)	(1034 Bar)
	22500 PSI (Range 8)	(1551 Bar)
Differential	10 – 20%	
Current Rating	5 A @ 250 VAC	5 A @ 30 VDC (Resistive)
Media Connection	Standard: Brass (Optional: Nickel Plating, 303 SS, 316 SS)	
Circuit Form	SPST-NO, SPST-NC or SPDT	
Electrical Connection	See Order Chart Below for Options	
Diaphragm Material	Buna (Ranges 1 – 3)	
	Hardened Steel Piston (Ranges 4 – 8)	
Cycle Life	1 Million	
Operating Temperature	-20°F - +220°F	
Unit Weight	.47 lbs (noryl adjustment knob); .70 lbs (metal adjustment knob)	

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to create your own custom CAD file

How to Order (Example: Part Number: **CD - 1B5 - 750J / EL**)

Media Connection	Circuit Form	Range	Desired Set Point	Set Point Direction
Piston	A SPST-NO	1 10 – 40 PSI	10 – 7500 PSI	J Rising Adjustable
1 1/4" NPT Male	B SPST-NC	2 25 – 100 PSI		G Falling Adjustable
3 3/4" SAE Male (-8)	C SPDT	3 50 – 200 PSI		
11 9/16" SAE Male		4 100 – 400 PSI		
Diaphragms		5 250 – 1000 PSI		
1 1/4" NPT Male		6 500 – 2000 PSI		
9 3/8" NPT Male		7 1200 – 4500 PSI		
		8 2400 – 7500 PSI		

Electrical Options

- WL** Wire Leads 18"
- EL** Male Conduit 1/2" – 14
- EF** Female Conduit 1/2" – 14
- HR** DIN43650A Connector
- HH** DIN43650A Plug Only
- WP** Weather Pack
- MP** Metri-Pack
- WD** Deutsch
- AT** 10 A @ 125/250 VAC
5 A @ 30 VDC
- AU** Gold Plate/Alloy for low currents

For more [media connections](#), see pages 23-24.

For all available [optional configurations](#), see page 22.

For more [electrical connections](#), see page 7.