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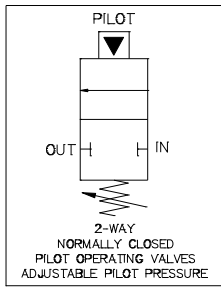
ADJUSTABLE PILOT VALVE

Valve Operation

MV29171-54H-D-C-2W-PSS & MV29171-54H-D-C-2W-PS are 2-Way 2-Position Normally closed Adjustable Pilot Setting & Auto Operation Pilot Valves. When the minimum required pilot pressure supply to the pilot port, it automatically switches the valve to open supply pressure from IN port to OUT port, as per below status table (state 1).

When pilot pressure signal drop lower than the minimum pilot pressure range, the valve will return to closed position as per below status table (state 2), supply pressure will be block at IN port.

*Note: Setting screw is the additional function for adjusting the required pilot operation pressure.

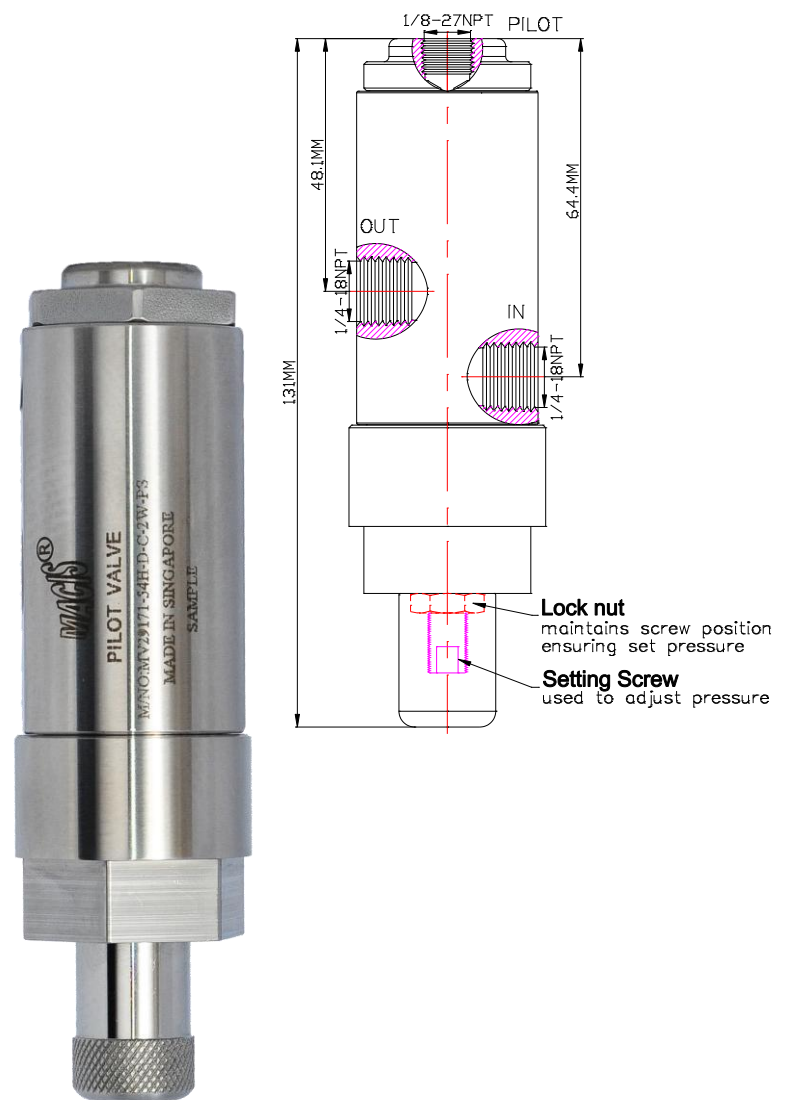


Flow Control Status Table

STATE	IN	OUT	PILOT
1	o	o	o
2	-	-	-





Ordering Ref : MV29171-54H-D-C-2W-PSS



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Specification

Control Application	2-Way 2-Position, Normally Closed Adjustable Pilot Setting Type (Pilot Operated Spring Return)	Distinctions <u>Ordering Ref No : MV29171-54H-D-C-2W-PSS</u>  <u>Pilot Pressure (Setting) Range : 40-120 psi (2.76 - 8.27bar)</u> <u>Net Weight : 750gm</u>
Port Connection Size	IN, OUT Ports: 1/4"-18 NPT F Pilot Port: 1/8"-27 NPT F	
Exterior Shape	Circular Ø 38.1 mm (1 1/2 ")	<u>Ordering Ref No: MV29171-54H-D-C-2W-PS</u>  <u>Pilot Pressure (Setting) Range: 60-140 PSI (4.14 - 9.65bar)</u> <u>Net Weight: 800gm</u>
Working Media	Oil	
Max Working Pressure	200 PSI (13.7 bar)	
Temperature Range	- 30°C to 120°C <i>Other Temperature Ranges available. Consult Factory</i>	
Seal Material(Standard)	Nitrile Rubber(NBR) <i>Other Seal Material are Available Upon Request</i>	
Material(Valve Body)	316 L	
Flow Rate	Cv = 1.6	

** Measurement stated are with tolerance of +/-10%. Optional Parts/Material are available upon request.

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