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INTERFACE VALVE

Valve Operation

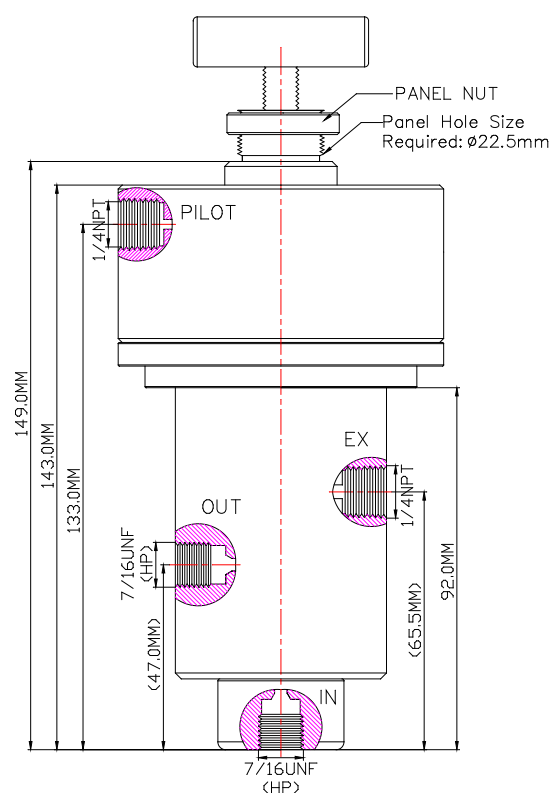
MV 29AM15K3W-7/16NC-1/4E-1/4P-N-L is a 3-Way 2-Position Normally Closed, Manual/ Pilot Supply pressure Operated Interface Valve (Manual handle with control override).

To open the valve, the pressure signal to Pilot port within the required minimum pilot pressure range, the valve will actuate to open supply pressure from IN port to OUT port and block at EX port, as per below Status table State 1.

To close the valve, the Pilot port pressure lower than Min pilot operating pressure, the valve will be auto reset to close as per below status table State 2. Supply pressure will be block at IN port and accumulated operating pressure will released through the EX port.

Manual handle is additional function to allow the valve to be in service when loss of pilot supply.

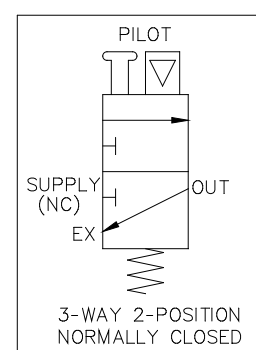
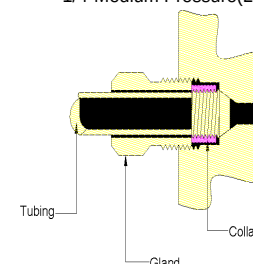
***Note:** The manual handle should be return to the normal position after pilot is restored.



Flow Control Status Table

STATE	IN	OUT	EX	Pilot / Manual Handle
1	O	O	-	O
2	-	O	O	-

Medium pressure tubing ,
tubing size is 1/4" ODX0.109"ID,
1/4"Medium Pressure(LF4)



Ordering Ref : MV 29AM15K3W-7/16NC-1/4E-1/4P-N-L

Specification

Control Application	3-Way 2-Position Normally Closed Manual handle with Control override Manual/Auto Operation Type
Port Connection Size	IN & OUT Ports: 7/16" UNF F EX Port: 1/4" NPT F Pilot Port: 1/4" NPT F
Pilot Linker Shape	Circular Ø82.6mm (3 1/4")
Net Weight	3.6 KG
Working Media	Air
Pilot Pressure Range	25-150 PSI (1.8 – 10.3 bar)
Max Working Pressure	15,000 PSI (1,034.25 bar)
Temperature Range	- 30°C to 120°C <i>Other Temperature Ranges available. Consult Factory</i>
Material(Valve Body)	316L
Seal Material	Viton (FKM) <i>Other Seal Material are Available Upon Request</i>
Manual Handle	Rotating screw type
Mounting Hole Size	Ø22.5 mm (57/64")
Flow Rate	Cv = 0.36

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

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