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## INTERFACE VALVE

### Valve Operation

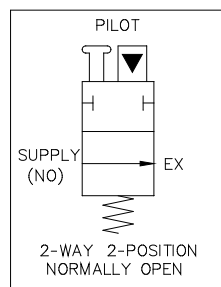
MV 29AM10K2W-1/4NO-1/4E-1/8P-N-H & MV 29AM10K2W-3/8NO-3/8E-1/8P-N-H are 2-Way Normally Open, Manual/ Pilot Supply pressure Operated Interface Valve (Manual handle with control override).

The valve designed to open incoming supply pressure from IN to EX port (As per below Status Table State 2) when there is Pilot pressure present. With pilot pressure applied, IN pressure is block to EX port (AS per below Status Table State 1).

A loss of Pilot Supply pressure will open and vent supply pressure from IN port to EX port.

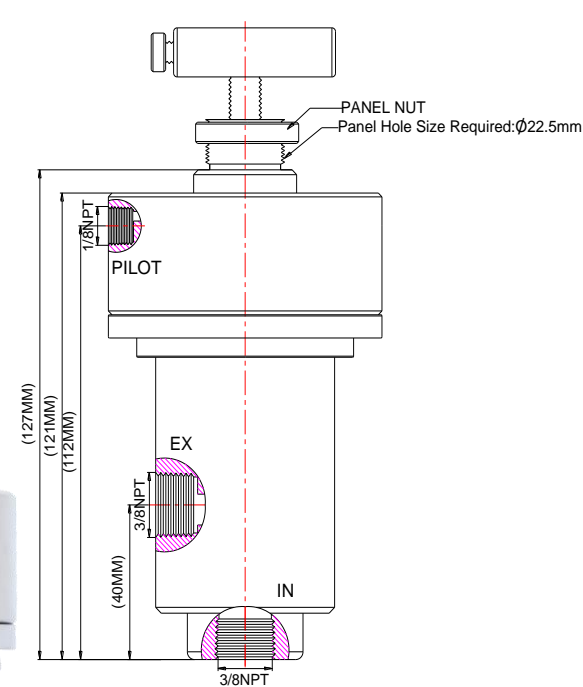
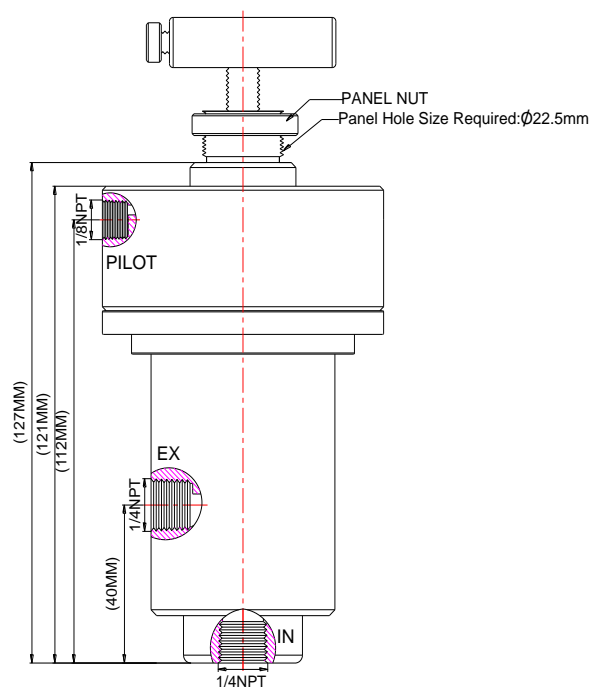
Manual handle is additional function to allow the valve to be in service when loss of pilot supply.

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



Flow Control Status Table

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



Ordering Ref : MV 29AM10K2W-1/4NO-1/4E-1/8P-N-H

Ordering Ref : MV 29AM10K2W-3/8NO-3/8E-1/8P-N-H

### Specification

Control Application	2-Way Normally Open Manual handle with Control override Manual/Auto Operation Type
Pilot Linker Shape	Circular Ø76.2mm (3")
Net Weight	2.5 KG
Working Media	Oil
Pilot Pressure Range	40 - 150 PSI (2.8 -10.3 bar)
Max Working Pressure	10,000 PSI (689.4 bar)
Temperature Range	- 30°C to 120°C <i>Other Temperature Ranges available. Consult Factory</i>
Material(Valve Body)	316L
Seal Material	Nitrile Rubber(NBR) <i>Other Seal Material are Available Upon Request</i>
Manual Handle	Rotating screw type
Mounting Hole Size	Ø22.5 mm ( <sup>57</sup> / <sub>64</sub> ")
Flow Rate	Cv = 0.36

### Distinctions

Ordering Ref No : MV 29AM10K2W-1/4NO-1/4E-1/8P-N-H



Port Connection Size : IN & EX Ports: 1/4"NPT F, Pilot Port: 1/8"NPT F

Ordering Ref No : MV 29AM10K2W-3/8NO-3/8E-1/8P-N-H



Port Connection Size : IN & EX Ports: 3/8"NPT F, Pilot Port: 1/8"NPT F

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

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