



Pneumatic Modular Air Pilot Valves – BVS Series

**BVS Single Air Pilot****BVS Double Air Pilot**

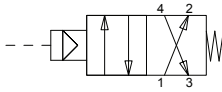
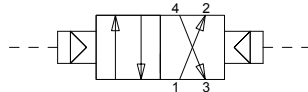
NITRA pneumatic BVS series modular piloted valves are body ported 4-port (4-way) valves. Models are single pilot, spring return or double pilot operated.

Features

- Body ported 4-port (4-way) spool valves
- 1/4" or 6mm push-to-connect inlet/outlet ports
- 5/32" (4mm) push-to-connect pilot ports
- Flow coefficient (Cv) 0.8
- 2-position
- 2-year warranty



Valve Symbols

**Diagram A****Diagram B**

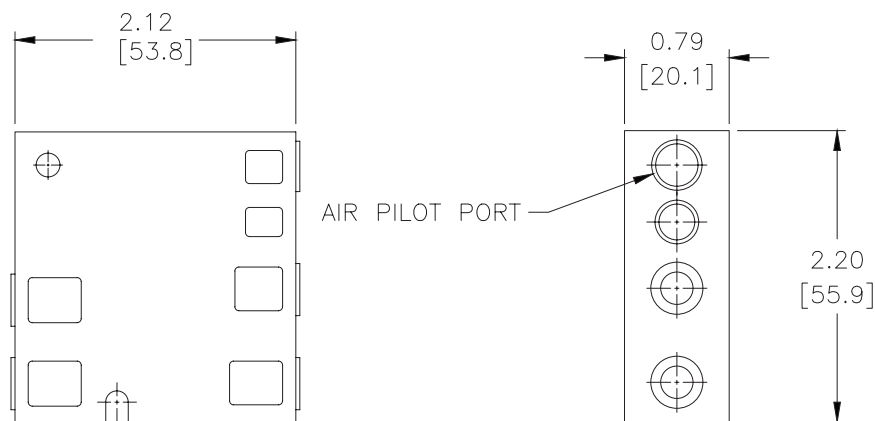
BVS 4-Way Air Pilot Specifications		
Models	BVS-46M-1P	BVS-46M-2P
Price	\$26.00	\$29.00
Weight (lbs)	0.13	
Acting	Spool (2-Position), spring return	Spool (2-Position), double air pilot
Diagram	A	B
Port Size	(1) 6mm inlet (2) 6mm outlet (1) 6mm exhaust (1) 5/32" (4mm) pilot	(1) 6mm inlet (2) 6mm outlet (1) 6mm exhaust (2) 5/32" (4mm) pilot
Orifice Size	0.2" [5.0 mm] (Cv = 0.8)	
Fluid	Air or Inert Gas (to be filtered by 40µ filter element)	
Min. / Max. Pressure	30psi (2bar) - 120psi (8.3 bar)	
Vacuum	Air pilot models can be used in vacuum applications with external air signal to pilot ports.	
Body	Glass Reinforced Thermoplastic	
Expected Life	20,000,000 cycles at max 3 cycles/second	
Temperature - Operation and Storage	0~120°F (-18~49°C)	
Lubrication	Not Required	
Protection	IP 65	



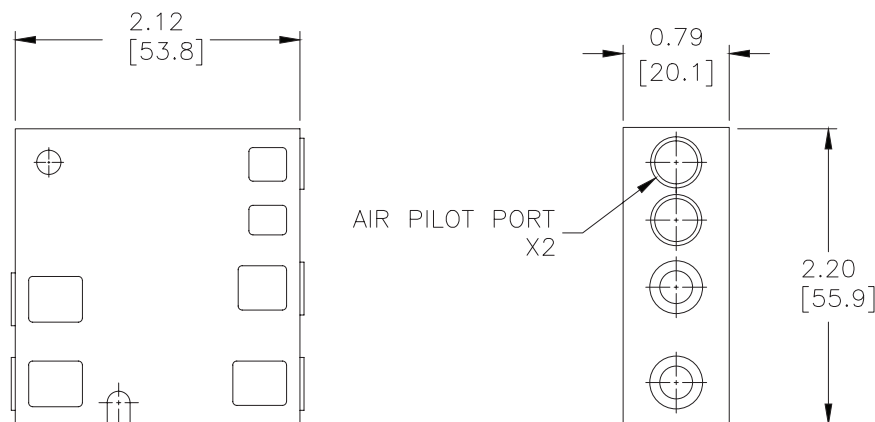
Pneumatic Modular Air Pilot Valves – BVS Series

Dimensions

inches [mm]



BVS Single Air Pilot



BVS Double Air Pilot

See our website www.AutomationDirect.com for complete Engineering drawings.



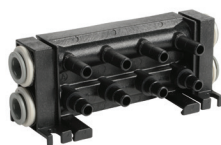
Manifolds for Modular Solenoid Valves – BVM-4 Series



BVM - 2-Station



BVM - 3-Station



BVM - 4-Station

NITRA pneumatic BVM-4 series modular manifolds simplify the mounting of BVS-4 series solenoid valves. Made of sturdy glass reinforced thermoplastic with DIN rail mounting clips included, they are available in 2, 3 and 4-station models. Push-to-connect inlet and outlet ports allow quick and easy tubing connections.

Features

- No tools required to install/remove valves
- 2, 3 or 4-station manifolds available
- 3/8" or 10mm tube inlets and outlets
- 35 mm DIN rail mounting clips included
- 2-year warranty

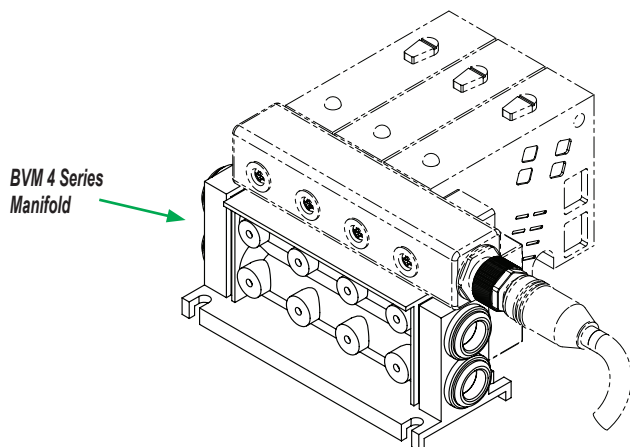
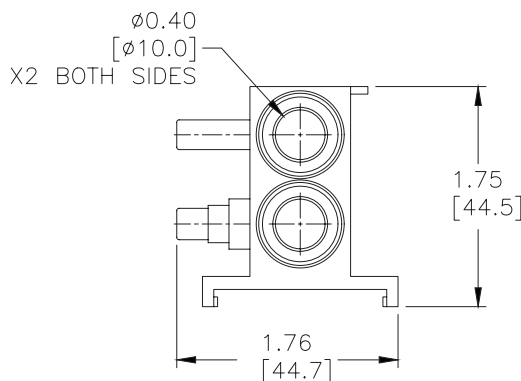
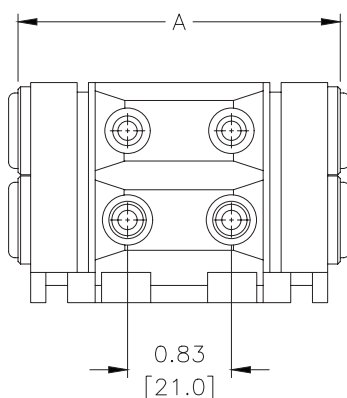


BVM Series Manifolds						
Part No.	Stations	Inlet	Outlet	Dimension "A" in [mm]	Price	Weight (lbs)
BVM-426M	2	10mm	10mm	2.71 [68.9]	\$18.50	0.3
BVM-436M	3	10mm	10mm	3.54 [89.9]	\$20.00	0.3
BVM-446M	4	10mm	10mm	4.37 [110.9]	\$20.50	0.3

Dimensions

inches [mm]

2-Station Manifold



See our website www.AutomationDirect.com for complete Engineering drawings.