

# M-4000B Series Dispense Valves

## M-4000B Series Dispense Valves

### General Description:

Utilizing standard components wherever possible, this versatile series of 2-way valves is one of the most dependable valves on the market today. Designed and built by EMC<sup>2</sup>, this valve was tested and retested to insure long life, low maintenance and reliability. The 4000 series valve comes in a variety of sizes and flow rates to meet all of your requirements. Standard port sizes range from #6 SAE to #12 SAE. The "divorced" design allows the visual inspection of open/closed function and prevents material leaks from affecting the air actuator and other air components upstream of the valve.

### Features:

- Works with high and low viscosity materials
- Positive On/Off action
- "TIN" coated needles extend the life of the spools and seals
- SAE O-ring ports for material inlet
- Standard hose or tube connection for material outlet
- 2 Bolt mounting pattern for easy adaptation to your equipment
- Compact design
- Proprietary needle and seat design
- Divorced air cylinder design means material won't affect actuator
- Wet seal ensures longer life for seals and gun
- Lightweight aluminum construction with hardened Helicoil inserts for long thread life
- Standard air cylinder
- Production proven since 1986

### Specifications:

Valve Number	Needle Size	Inlet Port Size	Air to Material Ratio	Pressure Rating
M-4000B	1/4"	#6SAE	32 to 1	3000
M-4001B	1/4"	#6SAE	64 to 1	6000
M-4002B	7/16"	#8SAE	32 to 1	3000
M-4003B	9/16"	#12SAE	32 to 1	3000
M-4008B	1/8"	#4SAE	64 to 1	3000

### Options:

- Sealing materials
- Stainless steel body



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