

M-4000B Series Dispense Valves

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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 EMC², 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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