



MV604 Series

SOLENOID VALVE

2 or 3-Way 2-Pos / Cartridge Design



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MV604 Series / CARTRIDGE DESIGN SOLENOID

2-Way or 3-Way / 2-Position Direct Acting

Direct Acting, Cartridge Design

The MV604 Series uses a number of common components to create 2-way, 2-position or 3-way, 2-position valves in both normally closed and normally open configurations. The valves have CRES 440C sealing components for leakage free operation and high cycle life. Valves have been qualified to over 500,000 pressure impulse cycles.

No dynamic seals are used in the valve, making it ideal for fast response and/or low temperature applications. Qualified versions include both connector and flying lead configurations and can include transient voltage suppression. Integral filter on the supply port can also be supplied.

Features:

- 0-4100 psig service
- Fast acting - 15 ms typical
- Minimum weight and envelope
- Highest reliability and quality
- Standard hydraulic or inert pneumatic fluids
- Bubble tight sealing
- No dynamic seals

Options:

- Transient voltage suppression
- Integral filter
- MIL-C-38999 connector



Model	MV604C
Part Number	MV604C-0XX-X
Pressure Range	0-4,100 psig (0-282 bar)
Proof Pressure	6,000 psig (413 bar)
Burst Pressure	10,000 psig (689 bar)
End Connections	Installed in manifold
Electrical	<i>Continuous Duty</i> 22-29 VDC 0.5 amp at 24 VDC <i>Resistance:</i> 48 ohm
Cv	0.016
ESEOD	0.03 in (0.76 mm)
Body Material	Stainless Steel
Trim	Corrosion Resistant Steel
Seat Material	440C
Seal Material	Buna N, other materials available
Weight	0.6 lb (0.27 kg) approx
Response Time	15 ms typical

Note: The listed performance data represents specific program requirements and not the design



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WHEN IT COMES TO
SPECIALTY FLUID CONTROLS
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