

New Generation 21-Line Valve Block

Dedicated to IS Machines

Designed for Glass Applications

- Ergonomic design for easier operation - Depth reduction between 50 mm and 120 mm vs. traditional cartridge block
- High flow characteristics (5000 NI/min per valve) compared to average flow of 2500 NI/min for traditional OEM supplied cartridge blocks
- Strong resistance to contamination - Designed to work in harsh environments
- Electrical wiring harness independent for easier maintenance
- Front cover with function plate
- Tread steel plate for top cover
- 3-position manual override and LED facing the operator
- LoTo cover provided - No electrical parts on the cover
- Less downtime - Increased pack to melt



Over 4200 valve blocks installed in over 150 plants worldwide

New 100% Drop-In Electro-Pneumatic Valve Block

CUSTOMER BENEFITS

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| <ul style="list-style-type: none"> ✓ Standard IS machine dimensions - direct installation on to the existing speed control bar ✓ 100% interchangeable with existing solution ✓ 3/2-way valve with the new technology patented 5-way pilot develops maximum shifting forces both ways ✓ Balanced design for high flow, high speed and high consistency (Not sensitive to pressure variations) ✓ All valves with LED indicators facing the operator ✓ Short stroke with high flow on the market for a valve block (up to 5000 NI/min per valve) in a compact package ✓ Spool technology eliminates use of cartridges ✓ Burn-out proof MAC solenoid, life time guarantee on coils | <ul style="list-style-type: none"> ✓ Proprietary high temperature seals for long life time, resistance to high temperatures and aggressive lubrication ✓ 100 million cycles (est.) MTBF life time ✓ Plug in solution - internal wiring (inside the manifold) no flying leads or open tabs ✓ Colour coded valve body to easily identify normally closed and normally open valves (Red = NC / Blue = NO) ✓ Reduced blank mould - Operator distance - Depth reduction between 50 mm and 120 mm ✓ LoTo protective cover ✓ Identical repair kit for NC/NO valves ✓ Several connector configurations possible (Harting 64 pins, Cannon 37 pins, and extra events connectors) ✓ Different buttons available (E Stop, light, Piezzo, etc.) |
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MAC Valves - Highly engineered solutions for the highest performing applications since 1948



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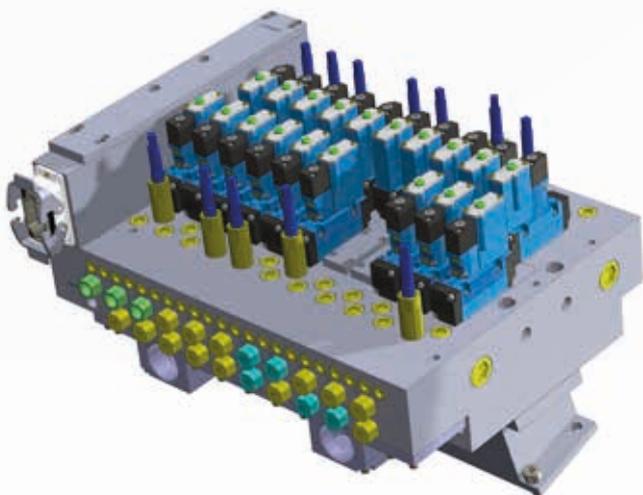
TECHNICAL DATA

Fluid:	Compressed air, vacuum, inert gases
Pressure range:	External pilot 0 to 8 bar / 0 to 120 PSI
Pilot pressure:	2.5 to 8 bar / 37.5 to 120 PSI
Lubrication:	Not required if used select a medium aniline point lubricant (between 80°C and 100°C / 176°F and 212°F)
Filtration:	40 µ
Temperature:	-18°C to + 80°C / 0°F to 176°F
Orifice:	13.5 mm / 0.53 in
Flow (at 6 bar, Δ P= 1 bar):	5000 NI/min - Cv 5.0 (per valve)
Coil:	Epoxy encapsulated - class F wires - long energization
Voltage range:	-15% to +10% of nominal voltage
MOD. ER05:	Viton seals, spool and poppet - High temperature grease - Glass industry manual override design

MAC SOLUTION - HOW TO ORDER

Circuit bar:	CBM054 MOD EXXX (MOD is defined upon customer requirements - please consult factory)
Normally closed valve:	54A-CC-000-DM-DEWJ-4FM Mod ER05
Normally open valve:	54A-DC-000-DP-DEWJ-4FM Mod ER05
Repair kit - NC & NO valves:	K-54001 Mod. 446K / DMB-DEWJ-4FM Mod ER05

NEW EVOLUTION



MAC Valves 21-line valve block including options such as inclined version, integrated flow controls at the front, dual pressure, possibility of 21 individual inlet pressures.



3500 factory certified specialists in over 45 countries focused on optimizing customers needs

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