

®

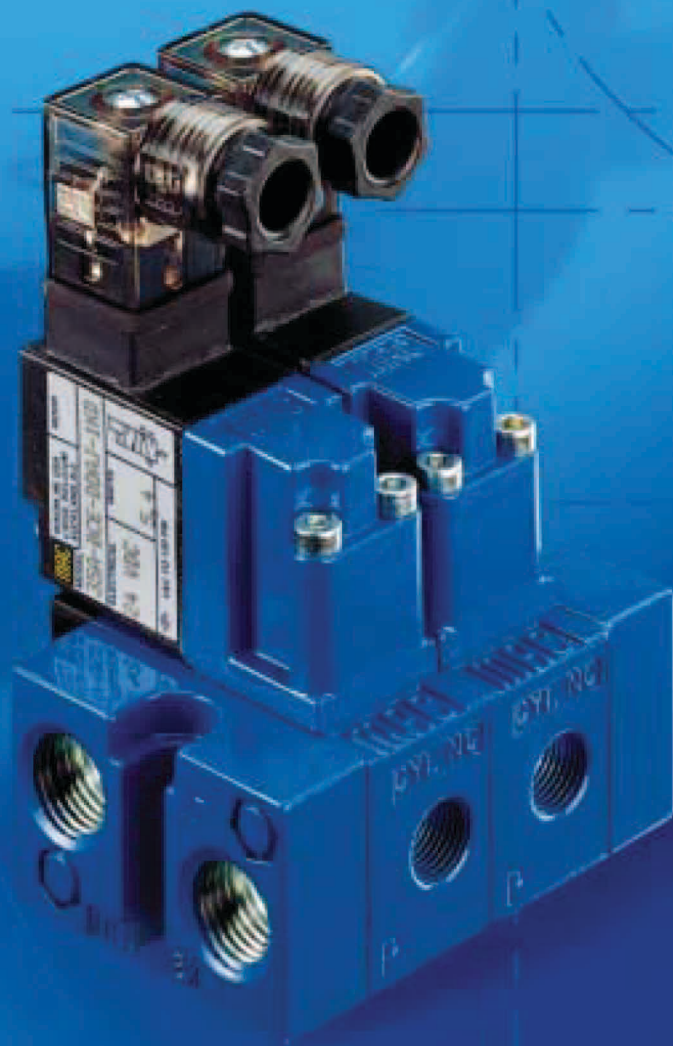
MAC

V A L V E S



LDA

Solutions for Life



A i r V a l v e s

6 mm valve

Function	Port size	Flow [Max]	Mounting
3/2 NC	M3	20 to 50 NI/min	Individual Inline

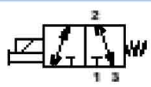
OPERATIONAL BENEFITS

1. 6mm valve direct solenoid operated
2. Balanced poppet, immune to pressure variations
3. Short stroke with high flow
4. Patented solenoid develops high shifting forces
5. Low wattage solenoids
6. Powerful return spring
7. Extremely fast response times
8. Universal valve



HOW TO ORDER

HOW TO ORDER VALVE

Port size	N.C. only valve
M3	 31A-AAB-Txxx-xxx

SOLENOID OPERATOR

T xx x - x xx

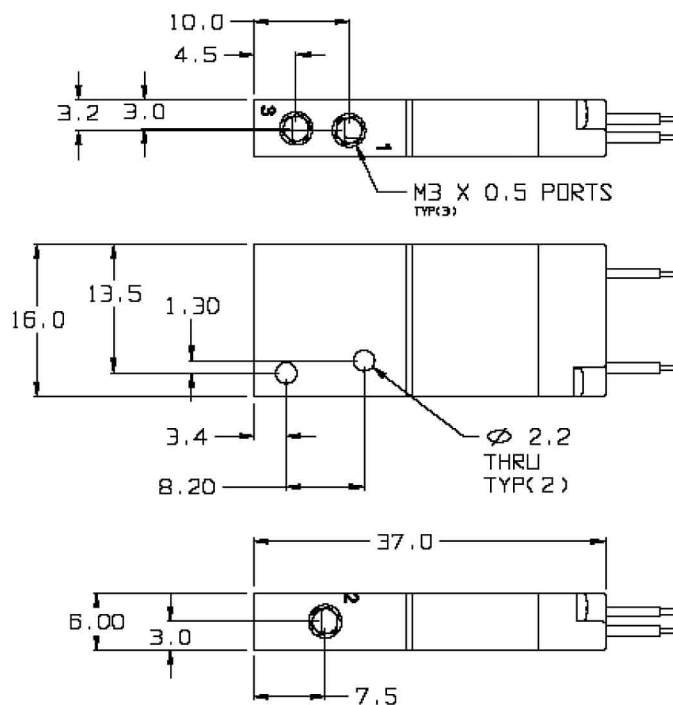
<u>xx</u> Voltage	<u>x</u> Lead Wire Length	<u>x</u> Manual Operator	<u>xx</u> Electrical Connection
DC 24V=/1.8W	A 45 cm	0 No operator	BA Flying leads
DD 24V=/2.5W	B 60 cm	1 Non locking recessed	
DE 24V=/3.0W	C 90 cm	3 Non locking extended	
DF 24V=/4.0W			
DJ 12V=/1.8W			
DK 12V=/2.5W			
DL 12V=/3.0W			
DM 12V=/4.0W			

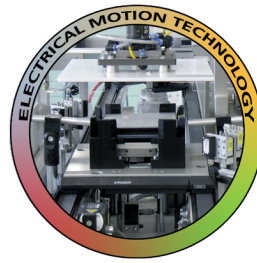
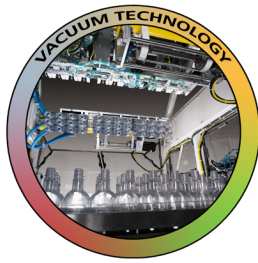
6 mm valve

TECHNICAL DATA

Fluid:	Compressed air, vacuum, inert gases
Pressure range:	Vacuum to 8 bar
Lubrication:	Not required, if used select a medium aniline point lubricant (between 80°C and 100°C)
Filtration:	40µ
Temperature range:	-18°C to +50°C
Flow:	20 to 50 NI/min (Cv 0,02 to 0,05)
Coil:	Class A wires – continuous duty
Voltage range:	-15% to +10%
Power:	1.8W, 2.5W, 3.0W, 4.0W - High wattages available, consult factory
Response times:	Energize: 1,8 ms De-energize: 0,8 ms

DIMENSIONS





We look forward to your application.

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