AutomationDirect » NITRA Pneumatics

NITRA® PNEUMATICS

Compact Module Valves
2 Year Warranty.

- Unbeatable Performance
- Flexibility and modularity
- 1-16 valves (16 solenoids max)
- Mix valve sizes as needed
- 24Vdc - 8 cycles/sec
- Each valve is enclosed (Celcon)
- Acts as a shock absorber
- Prevents infiltration of dirt
- IP65 (when NITRA DB25 cable used)
- 45-100psi Air (to be filtered by 40u filter)

Model Number	Valve Type	Port Size In	Port Size Out	Orifice Size	Min Response
CMV-A1L-1A	(2) 3-way, 2-position NC single solenoid	3/8"	5/32"	0.2	8
CMV-A2L-1A	(2) 3-way, 2-position NO single solenoid	3/8"	5/32"	0.2	8
CMV-A3L-1A	(2) 3-way, 2-position NO/NC single solenoid	3/8"	5/32"	0.2	8
CMV-B1L-1A	5-way, 2-position, single solenoid	3/8"	5/32"	0.2	8
CMV-B2L-1A	5-way, 2-position, double solenoid	3/8"	5/32"	0.2	20
CMV-B3L-1A	5-way, 3-position, double solenoid center closed	3/8"	5/32"	0.2	20
CMV-A1L-2A	(2) 3-way, 2-position, NC single solenoid	3/8"	1/4"	0.5	8
CMV-A2L-2A	(2) 3-way, 2-position, NO single solenoid	3/8"	1/4"	0.5	8
CMV-A3L-2A	(2) 3-way, 2-postion, NO/NC single solenoid	3/8"	1/4"	0.5	8
CMV-B1L-2A	5-way, 2-position, single solenoid	3/8"	1/4"	0.5	8
CMV-B2L-2A	5-way, 2-position, double solenoid	3/8"	1/4"	0.5	20
CMV-B3L-2A	5-way, 3-position, double solenoid center closed	3/8"	1/4"	0.3	20
CMV-A1L-3A	(2) 3-way, 2-position NC single solenoid	3/8"	5/16"	0.65	8
CMV-A2L-3A	(2) 3-way, 2-position NO single solenoid	3/8"	5/16"	0.65	8
CMV-A3L-3A	(2) 3-way, 2-position NO/NC single solenoid	3/8"	5/16"	0.65	8
CMV-B1L-3A	5-way, 2-position, single solenoid	3/8"	5/16"	0.65	8
CMV-B2L-3A	5-way, 2-position, double solenoid	3/8"	5/16"	0.65	20
CMV-B3L-3A	5-way, 3-position, double solenoid center closed	3/8"	5/16"	0.3	20
CMV-A1L-3B	(2) 3-way, 2-position, NC single solenoid	3/8"	5/16"	1	8
CMV-A2L-3B	(2) 3-way, 2-position, NO single solenoid	3/8"	5/16"	1	8
CMV-A3L-3B	(2) 3-way, 2-postion, NO/NC single solenoid	3/8"	5/16"	1	8
CMV-B1L-3B	5-way, 2-position, single solenoid	3/8"	5/16"	1	8
CMV-B2L-3B	5-way, 2-position, double solenoid	3/8"	5/16"	1	20
CMV-B3L-3B	5-way, 3-position, double solenoid center closed	3/8"	5/16"	0.5	20
CMV-A1L-4A	(2) 3-way, 2-position NC single solenoid	3/8"	3/8"	1.2	8
CMV-A2L-4A	(2) 3-way, 2-position NO single solenoid	3/8"	3/8"	1.2	8
CMV-A3L-4A	(2) 3-way, 2-position NO/NC single solenoid	3/8"	3/8"	1.2	8
CMV-B1L-4A	5-way, 2-position, single solenoid	3/8"	3/8"	1.2	8
CMV-B2L-4A	5-way, 2-position, double solenoid	3/8"	3/8"	1.2	20
CMV-B3L-4A	5-way, 3-position, double solenoid center closed	3/8"	3/8"	0.5	20
	Intermediate Modules (provides additional air inlets)	**Modular plate**			
CMV-D1X-3X	(2) 5/16" push-to-connect tubing inlet ports	through		0.65	
CMV-D2X-3X	(2) 5/16" push-to-connect tubing inlet ports	blind		0.65	
CMV-D3X-3X	(1) 5/16" push-to-connect tubing exhaust ports	exhaust		0.65	
	End Plates (1 left & 1 right required per manifold)		**Female NPT**		
	NITRA pneumatic modular plate	**Inlet Port**	**Exhaust Port**		**Pilot Port**
CMV-C1X-4X	Supply/exhaust end, left - 25-pin male D-sub	(1) 3/8"	3/8"	12.4	
CMV-C2X-4X	Supply/exhaust end, left - 25-pin male D-sub	(2) 3/8"	3/8"	12.4	5/32"
CMV-C2X-5X	Supply/exhaust end, left - 25-pin male D-sub	(2) 1/2"	3/8"	16.6	5/32"
CMV-C3X-5X	Supply/exhaust end, right	(2) 1/2"	3/8"	16.6	
CMV-C4X	Modular plate, blank end, right				
	Modular Valve Accessories				
CMV-ACC01	NITRA pigtail cable, 25-pin D-sub female, 1 meter, 28AWG				
CMV-ACC02	NITRA pigtail cable, 25-pin D-sub female, 2.5 meter, 28AWG				
CMV-ACC03	NITRA pigtail cable, 25-pin D-sub female, 5 meter, 28AWG				
CMV-ACC04	NITRA mounting bracket, attaches CMV to 35mm DIN (inc screws)				
CMV-ACC06	NITRA release tool, for push-to-connect fittings, 1/8"-3/8"				
CMV-ACC07	NITRA release tool, for push-to-connect fittings, 5/32"-1/2"				