



M8 Female Individual Connectors with Flying Lead Cable (For Solenoid Pilots)



With LED Voltage Surge Protection and Flying Lead Cable IP67 Protected		Weight (oz)	Order Code
	2 m Cable	2.19	P8LS08L226C
	5 m Cable	5.47	P8LS08L526C
	9 m Cable	9.88	P8LS08L926C

Pneumatic Connectors for Size 1 Modules



		Elbow Version		Straight Version	
		Weight (oz)	Order Code	Weight (oz)	Order Code
Tube Push-in Connector	5/32" = 4mm OD	0.18	CMD04-1	0.07	FMD04-1
	6mm OD	0.18	CMD06-1	0.11	FMD06-1
	1/4" OD	0.18	CMD07-1B	0.11	FMD07-1B
Muffler for Exhaust Port	—	—	—	0.11	MMDVA1
Plug	—	—	—	0.18	PMDYY1
Double Male Union (For Peripheral Valve Modules)	—	—	—	0.21	HMDXX1

Note: 85 Durometer minimum for pneumatic connectors.

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"V" Series Basic Modules Size 1 (Without Pneumatic Connectors)



Single Solenoid



Double Solenoid

Size 1 Electro-Pneumatic Island Valve Modules, 24VDC

4-Way / 2-Position / Single Valve

	Solenoid	Weight	Part Number
	Single Solenoid (Monostable)	3.32 oz	P2M1V4ES2CV
	Double Solenoid (Bistable)	3.63 oz	P2M1V4EE2CV

4-Way / 2-Position / Dual Valve

	Solenoid	Weight	Part Number
	Solenoid Spring with Exhaust Check	3.63 oz	P2M1VJEE2CV

3-Way / 2-Position / Dual Valve

	Solenoid	Weight	Part Number
	Double Solenoid NC + NC with Exhaust Check	3.74 oz	P2M1VDEE2CV
	Double Solenoid NO + NO with Exhaust Check	3.74 oz	P2M1VCEE2CV
	Double Solenoid NC + NO with Exhaust Check	3.74 oz	P2M1VEEE2CV
	Single Solenoid NC with Exhaust Check	3.60 oz	P2M1V3ES2CV
	Center Exhaust = dual 3/2 NC + NC without Exhaust Check	3.74 oz	P2M1VGEE2CV

Pneumatic Connectors for Size 1 Modules



PMDYY1



HMDXX1



MMDVA2



FMD04-1



CMD04-1



FMD07-1B



CMD07-1B

		Elbow Version		Straight Version	
		Weight (oz)	Order Code	Weight (oz)	Order Code
Tube Push-in Connector	5/32" = 4mm OD	0.18	CMD04-1	0.07	FMD04-1
	6mm OD	0.18	CMD06-1	0.11	FMD06-1
	1/4" OD	0.18	CMD07-1B	0.11	FMD07-1B
Muffler for Exhaust Port	—	—	—	0.11	MMDVA2
Plug	—	—	—	0.18	PMDYY1
Double Male Union (For Peripheral Valve Modules)	—	—	—	0.21	HMDXX1

Note: 85 Durometer minimum for pneumatic connectors.

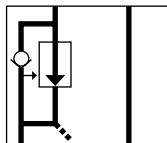
Note: Bold Options Standard



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Size 1 Pressure Regulation Modules

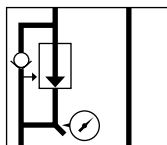
The thrust developed by a cylinder often requires adjustment by controlling pressure to the front or back of the piston. The pressure regulation module enables manual adjustment of pressure with visual indication provided by the pressure gauge.



P2M1PXSN

Pressure Regulation Module Without Gauge Size 1

Pressure Range	Size 1
0 to 30 PSI	P2M1PXST Weight 4.06 oz
0 to 60 PSI	P2M1PXSL Weight 4.06 oz
0 to 120 PSI	P2M1PXSN Weight 4.06 oz



P2M1PXSG



P2M1K0GN

Pressure Regulation Module With Gauge Size 1

Pressure Range	Size 1	Replacement Gauge
0 to 30 PSI	P2M1PXSR Weight 5.12 oz	P2M1K0GT Weight 1.06 oz
0 to 60 PSI	P2M1PXSM Weight 5.12 oz	P2M1K0GL Weight 1.06 oz
0 to 120 PSI	P2M1PXSG Weight 5.12 oz	P2M1K0GN Weight 1.06 oz



Pneumatic Connectors for Size 1 Regulators

		Elbow Version		Straight Version	
		Weight (oz)	Order Code	Weight (oz)	Order Code
Tube Push-in Connector	5/32" = 4mm OD	0.18	CMD04-1	0.07	FMD04-1
	6mm OD	0.18	CMD06-1	0.11	FMD06-1
	1/4" OD	0.18	CMD07-1B	0.11	FMD07-1B
Plug	—	—	—	0.18	PMDYY1
Double Male Union (For Peripheral Valve Modules)	—	—	—	0.21	HMDXX1

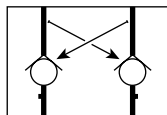
Note: 85 Durometer minimum for pneumatic connectors.



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Dual P.O. Check Valve

Combined with a double 3/2 NC + NC valve, this module will block both flows and stop cylinder movement as soon as the valve's outputs are both exhausted. Better than a 3-Position valve, it provides more precise positioning when fitted close to the cylinder. Standard with manual release buttons.



P2M1PXCA

Dual P.O. Check Valve Size 1

Description	Size 1
Dual Pilot Operated	P2M1PXCA Weight .88 oz



Pneumatic Connectors for Size 1 Dual P.O. Check Valves

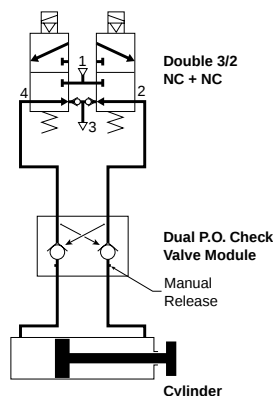
		Elbow Version		Straight Version	
		Weight (oz)	Order Code	Weight (oz)	Order Code
Tube Push-in Connector	5/32" = 4mm OD	0.18	CMD04-1	0.07	FMD04-1
	6mm OD	0.18	CMD06-1	0.11	FMD06-1
	1/4" OD	0.18	CMD07-1B	0.11	FMD07-1B
Double Male Union (For Peripheral Valve Modules)	—	—	—	0.21	HMDXX1

Note: 85 Durometer minimum for pneumatic connectors.

Application

At the outputs of a double 3/2 NC + NC valve, the dual P.O. check valve module achieves efficient and stable cylinder positioning. As soon as both lines are exhausted by the main control valve, the two internally piloted check valves close tight. The cylinder is then stabilized.

The manual pressure releases may then eventually be used for an adequate machine positioning.



Dual P.O. Check Valve Size 2

Description	Size 2
Dual Pilot Operated	P2M2PXCA Weight .88 oz



Pneumatic Connectors for Size 2 Dual P.O. Check Valves

		Elbow Version		Straight Version	
		Weight (oz)	Order Code	Weight (oz)	Order Code
Tube Push-in Connector	6mm OD	0.18	CMD06-2	0.11	FMD06-2
	1/4" OD	0.18	CMD07-2B	0.11	FMD07-2B
	8mm OD	0.21	CMD08-2	0.14	FMD08-2
	3/8" OD	0.21	CMD09-2B	0.14	FMD09-2B
	10mm OD	0.25	CMD10-2	0.18	FMD10-2
	12mm OD	0.28	CMD12-2	0.21	FMD12-2
	1/2" OD	—	—	0.21	FMD13-2B
Double Male Union (For Peripheral Valve Modules)	—	—	—	0.28	HMDXX2

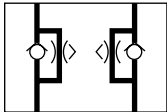
Note: 85 Durometer minimum for pneumatic connectors.



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Dual Flow Control

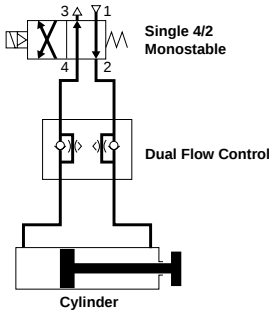
By controlling the exhaust flows of a double-acting cylinder, this module can adjust both speeds — extend and retract. It may be plugged into the valve module output ports or mounted close to the cylinder in its in-line version.



P2M1PXFA

Application

On a double-acting cylinder, extend and retract speeds are adjusted separately by control of air flow exhaust. The control becomes more precise when the flow adjustment is close to the cylinder. The examples show different solutions which are dependent upon the valve-to-cylinder distance and accessibility to the cylinder



Dual Flow Control Size 1

Description	Size 1
Dual Flow Control Module	P2M1PXFA Weight 1.06 oz

Dual Flow Control Size 2

Description	Size 2
Dual Flow Control Module	P2M2PXFA Weight 1.59 oz



Pneumatic Connectors for Size 1 Dual P.O. Check Valves

		Elbow Version		Straight Version	
		Weight (oz)	Order Code	Weight (oz)	Order Code
Tube Push-in Connector	5/32" = 4mm OD	0.18	CMD04-1	0.07	FMD04-1
	6mm OD	0.18	CMD06-1	0.11	FMD06-1
	1/4" OD	0.18	CMD07-1B	0.11	FMD07-1B
Double Male Union (For Peripheral Valve Modules)	—	—	—	0.21	HMDXX1

Note: 85 Durometer minimum for pneumatic connectors.



Pneumatic Connectors for Size 2 Dual P.O. Check Valves

		Elbow Version		Straight Version	
		Weight (oz)	Order Code	Weight (oz)	Order Code
Tube Push-in Connector	6mm OD	0.18	CMD06-2	0.11	FMD06-2
	1/4" OD	0.18	CMD07-2B	0.11	FMD07-2B
	8mm OD	0.21	CMD08-2	0.14	FMD08-2
	3/8" OD	0.21	CMD09-2B	0.14	FMD09-2B
	10mm OD	0.25	CMD10-2	0.18	FMD10-2
	12mm OD	0.28	CMD12-2	0.21	FMD12-2
	1/2" OD	—	—	0.21	FMD13-2B
Double Male Union (For Peripheral Valve Modules)	—	—	—	0.28	HMDXX2

Note: 85 Durometer minimum for pneumatic connectors.