

“S” Series Individual Subbase Valves Size 1
(Valve & Base without Pneumatic Connectors)



Single Solenoid



Double Solenoid



Single Air Pilot



Double Air Pilot

Size 1 Electro-Pneumatic Individual Subbase Valves, 24VDC

4-Way / 2-Position / Single Valve

	Solenoid	Weight	Part Number
	Single Solenoid (Monostable)	2.54 oz	P2M1S4ES2C
	Double Solenoid (Bistable)	3.07 oz	P2M1S4EE2C

Size 1 Air Pilot Individual Subbase Valves

4-Way / 2-Position / Single Valve

	Solenoid	Weight	Part Number
	Single Air Pilot (Monostable)	2.54 oz	P2M1S4PS
	Double Air Pilot (Bistable)	3.07 oz	P2M1S4PP

3-Way / 2-Position / Dual Valve

	Solenoid	Weight	Part Number
	Double Solenoid NC + NC with Exhaust Check	3.00 oz	P2M1SDEE2C
	Double Solenoid NO + NO with Exhaust Check	3.00 oz	P2M1SCEE2C
	Double Solenoid NC + NO with Exhaust Check	3.00 oz	P2M1SEEE2C
	Single Solenoid NC with Exhaust Check	2.82 oz	P2M1S3ES2C
	Center Exhaust = dual 3/2 NC + NC without Exhaust Check	3.00 oz	P2M1SGEE2C

3-Way / 2-Position / Dual Valve

	Solenoid	Weight	Part Number
	Double Air Pilot NC + NC with Exhaust Check	2.82 oz	P2M1SDPP
	Double Air Pilot NO + NO with Exhaust Check	2.82 oz	P2M1SCPP
	Single Air Pilot NC	2.68 oz	P2M1S3PS

Note: Includes 5/32" (4mm) Air Pilot Connectors.

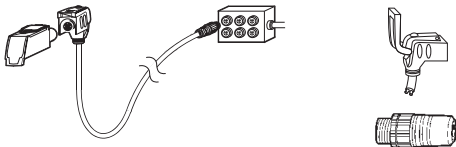
Note: Bold Options Standard



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
Thread Connector, IP67 Protected	M8 Cable Quick Connect		P8CS0803J
	M12 Cable Quick Connect		P8CS1204J



“S” Series Size 1 Pneumatic Connectors



		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.

“S” Series Individual Subbase Valves Size 2
(Valve & Base without Pneumatic Connectors)



Single Solenoid



Double Solenoid



Single Air Pilot



Double Air Pilot

Size 2 Electro-Pneumatic Individual Subbase Valves, 24VDC

4-Way / 2-Position / Single Valve

	Solenoid	Weight	Part Number
	Single Solenoid (Monostable)	2.75 oz	P2M2S4ES2C
	Double Solenoid (Bistable)	3.28 oz	P2M2S4EE2C

Size 2 Air Pilot Individual Subbase Valves

4-Way / 2-Position / Single Valve

	Solenoid	Weight	Part Number
	Single Air Pilot (Monostable)	2.75 oz	P2M2S4PS
	Double Air Pilot (Bistable)	3.28 oz	P2M2S4PP

3-Way / 2-Position / Dual Valve

	Solenoid	Weight	Part Number
	Double Solenoid NC + NC with Exhaust Check	3.53 oz	P2M2SDEE2C
	Double Solenoid NO + NO with Exhaust Check	3.53 oz	P2M2SCEE2C
	Double Solenoid NC + NO with Exhaust Check	3.53 oz	P2M2SEEE2C
	Single Solenoid NC with Exhaust Check	3.35 oz	P2M2S3ES2C
	Center Exhaust = dual 3/2 NC + NC without Exhaust Check	3.53 oz	P2M2SGEE2C

3-Way / 2-Position / Dual Valve

	Solenoid	Weight	Part Number
	Double Air Pilot NC + NC with Exhaust Check	3.53 oz	P2M2SDPP
	Double Air Pilot NO + NO with Exhaust Check	3.53 oz	P2M2SCPP
	Single Air Pilot NC with Exhaust Check	3.35 oz	P2M2S3PS

Note: Includes 5/32" (4mm) Air Pilot Connectors.

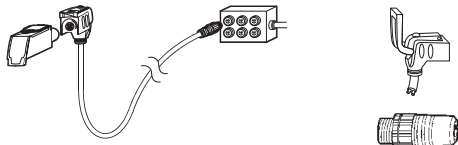
Note: Bold Options Standard



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
Thread Connector, IP67 Protected	M8 Cable Quick Connect		P8CS0803J
	M12 Cable Quick Connect		P8CS1204J



“S” Series Size 2 Pneumatic Connectors



		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
Muffler for Exhaust Port	—	—	—	0.11	MMDVA2
Plug	—	—	—	0.18	PMDYY2
Double Male Union (For Peripheral Valve Modules)	—	—	—	0.28	HMDXX2

Note: 85 Durometer minimum for pneumatic connectors.

“S” Series Individual Subbase Valve
(Complete with Pneumatic and Electrical Connectors)

BOLD OPTIONS ARE MOST POPULAR.

P2M 1 S 4ES 2C 00 A F4

Basic Series	
Moduflex	P2M

Size	
Size 1	1
Size 2	2

Valve Series	
Individual Subbase	S

Valve Type / Function	
3-Way / 2-Position	
Single Solenoid, NC Spring Return	3ES
Single Air Pilot, NC Spring Return	3PS
4-Way / 2-Position	
Single Solenoid, Spring Return	4ES
Single Air Pilot, Spring Return	4PS
Double Solenoid	4EE
Double Air Pilot	4PP
Dual 3-Way, 2-Position, Spring Return	
Solenoid, NC / NC + PO Check (4/3 APB)	BEE*
Air Pilot, NC / NC + PO Check (4/3 APB)	BPP*
Solenoid, NO / NO (4/3 Pressure Ctr.)	CEE
Air Pilot NO / NO (4/3 Pressure Ctr.)	CPP
Solenoid, NC / NC with Exhaust Check	DEE
Air Pilot, NC / NC with Exhaust Check	DPP
Solenoid, NO / NC with Exhaust Check	EEE
Solenoid, NC / NC without Check (4/3 Exh. Ctr.)	GEE

* Valve includes peripheral P. O. Check Valve and union fittings.

Operator Voltage	
24VDC	2C
Remote Pilot - 5/32" (4mm) Tube	00

Ports (All Ports)	
C0*	10mm Elbow Fitting
C2*	12mm Elbow Fitting
C4	5/32" (4mm) Elbow Fitting
C6	6mm Elbow Fitting
C7	1/4" Elbow Fitting
C8*	8mm Elbow Fitting
C9*	3/8" Elbow Fitting
F0*	10mm Straight Fitting
F2*	12mm Straight Fitting
F3*	1/2" Straight Fitting
F4	5/32" (4mm) Straight Fitting
F6	6mm Straight Fitting
F7	1/4" Straight Fitting
F8*	8mm Straight Fitting
F9*	3/8" Straight Fitting

* Only Available with Size 2 Valves.

Fitting Configuration	
A*	Straight Fittings
B*	Elbow Fittings
C**	Straight Fitting & Muffler
D**	Elbow Fitting & Muffler

* Ports 1 & 3 fittings sizes are same as Ports 2 & 4 (See example at left.)

† Fitting in Port 1, Muffler in Port 3.

LED / Cable	
00	No Cable, No LED, No Surge Suppression
V2	2 Meter Cable with LED and Surge Suppression
V5	5 Meter Cable with LED and Surge Suppression
V9	9 Meter Cable with LED and Surge Suppression

EXAMPLE for Fitting Configuration: Size 1

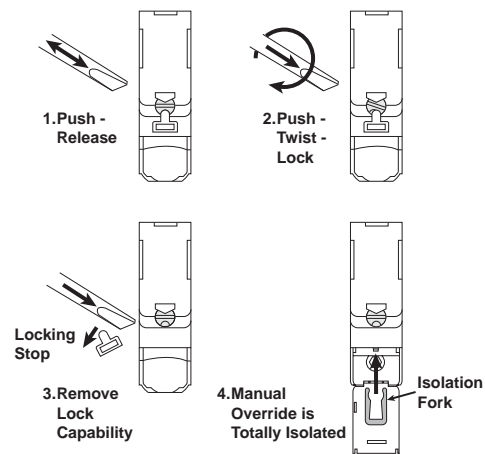
- CF7** Ports 1 & 3
 1/4" Straight Fitting & Muffler
 Ports 2 & 4
 1/4" Straight Fittings
- Size 2**
- AC0** Ports 1 & 3
 10mm Elbow Fittings
 Ports 2 & 4
 10mm Elbow Fittings

With Only One Universal Solenoid Pilot for all Configurations

24VDC is now a global standard for all machines.

The Moduflex 24VDC unique solenoid pilot is supplied with the multi-function manual override that can be adapted to all requirements, as explained by the drawings.

Multi-Function Adaptable Manual Override





“S” Series Single Solenoid

Example:

Size 1, 4-Way Single Solenoid valve with 1/4" Straight Connectors in Ports 1, 2 and 4. Exhaust Muffler in Port 3. Valve to include 2m cable with LED and surge suppression.

How to Order Complete Valve Assembly

Line Item	Quantity	Part Number	Description
1	1	P2M1S4ES2CV2CF7	Size 1, Individual Subbase Valve, 4 Way, Single Solenoid, 2m Cable with LED / Surge Suppression, Exhaust Muffler with 1/4" OD Straight Port Fittings

Notes:

1. Cables supplied loose with valve.
2. For LED and Surge Suppressor, cable must be supplied with valve.

How to Order Components

Line Item	Quantity	Part Number	Description
1	1	P2M1S4ES2C	Size 1, Individual Subbase Valve, Single Solenoid, 4 Way
2	1	P8LS08L226C	2m Cable with LED / Surge Suppression
3	3	FMD07-1B	Size 1, 1/4" OD Tube Push In Connector
4	1	MMDVA1	Size 1, Muffler for Exhaust Port



Moduflex

PVL