

## "T" Series Manifold Valves with Individual Connectors Size 1

C

Moduflex

PVL



Single Solenoid



Double Solenoid



Single Air Pilot



Double Air Pilot

### Size 1 Electro-Pneumatic Manifold Valves, 24VDC

#### 4-Way / 2-Position / Single Valve

	Solenoid	Weight	Part Number
	Single Solenoid (Monostable)	2.40 oz	<b>P2M1T4ES2C</b>
	Double Solenoid (Bistable)	2.72 oz	<b>P2M1T4EE2C</b>

#### 4-Way / 2-Position / Dual Valve

	Solenoid	Weight	Part Number
	Solenoid Spring with Exhaust Check	2.72 oz	<b>P2M1TJEE2C</b>

#### 3-Way / 2-Position / Dual Valve

	Solenoid	Weight	Part Number
	Double Solenoid NC + NC with Exhaust Check	2.82 oz	<b>P2M1TDEE2C</b>
	Double Solenoid NO + NO with Exhaust Check	2.82 oz	<b>P2M1TCEE2C</b>
	Double Solenoid NC + NO with Exhaust Check	2.82 oz	<b>P2M1TEEE2C</b>
	Single Solenoid NC with Exhaust Check	2.68 oz	<b>P2M1T3ES2C</b>
	Center Exhaust = dual 3/2 NC + NC without Exhaust Check	2.84 oz	<b>P2M1TGEE2C</b>

### Size 1 Air Pilot Manifold Valves

#### 4-Way / 2-Position / Single Valve

	Solenoid	Weight	Part Number
	Single Air Pilot (Monostable)	2.40 oz	<b>P2M1T4PS</b>
	Double Air Pilot (Bistable)	2.72 oz	<b>P2M1T4PP</b>

#### 4-Way / 2-Position / Dual Valve

	Solenoid	Weight	Part Number
	Air Pilot Spring with Exhaust Check	2.72 oz	<b>P2M1TJPP</b>

#### 3-Way / 2-Position / Dual Valve

	Solenoid	Weight	Part Number
	Double Air Pilot NC + NC with Exhaust Check	2.82 oz	<b>P2M1TDPP</b>
	Double Air Pilot NO + NO with Exhaust Check	2.82 oz	<b>P2M1TCPP</b>
	Single Air Pilot NC with Exhaust Check	2.68 oz	<b>P2M1T3PS</b>

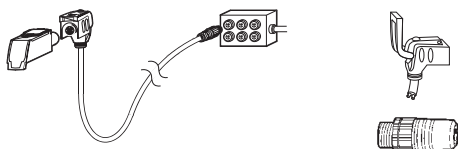
Note: Includes 5/32" (4mm) Air Pilot Connectors.

Note: Bold Options Standard

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



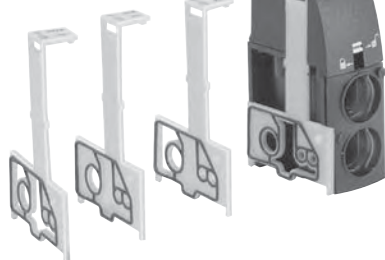
With LED Voltage Surge Protection and Flying Lead Cable IP67 Protected		Weight (oz)	Order Code
	2 m Cable	2.19	<b>P8LS08L226C</b>
	5 m Cable	5.47	<b>P8LS08L526C</b>
	9 m Cable	9.88	<b>P8LS08L926C</b>
Thread Connector, IP67 Protected	M8 Cable Quick Connect		<b>P8CS0803J</b>
	M12 Cable Quick Connect		<b>P8CS1204J</b>



**P2M1K0TASD**



**P2M2HXT01**



**P2M2BXT0A**

## Manifold Options

Module	Weight (oz)	Order Code
Pneumatic Head and Tail Set	2.26	<b>P2M2HXT01*</b>
Pneumatic Head and Tail Set with TORX Screwdriver	2.50	<b>P2M2HXT0T*</b>
TORX Screwdriver Only	.24	<b>P2M1K0TASD</b>
Intermediate Supply Module (With a set of 4 Configuration Plates)	1.48	<b>P2M2BXT0A*</b>

\* Use Fittings for Size 2 Modules Only.

## "T" 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	<b>CMD04-1</b>	0.07	<b>FMD04-1</b>
	6mm OD	0.18	<b>CMD06-1</b>	0.11	<b>FMD06-1</b>
	1/4" OD	0.18	<b>CMD07-1B</b>	0.11	<b>FMD07-1B</b>
Muffler for Exhaust Port	—	—	—	0.11	<b>MMDVA1</b>
Plug	—	—	—	0.18	<b>PMDYY1</b>
Double Male Union (For Peripheral Valve Modules)	—	—	—	0.21	<b>HMDXX1</b>

Note: 85 Durometer minimum for pneumatic connectors.

## "T" Series Manifold Valves with Individual Connectors Size 2

C

Moduflex

PVL



Single Solenoid



Double Solenoid



Single Air Pilot



Double Air Pilot

### Size 2 Electro-Pneumatic Manifold Valves, 24VDC

#### 4-Way / 2-Position / Single Valve

	Solenoid	Weight	Part Number
	Single Solenoid (Monostable)	2.61 oz	<b>P2M2T4ES2C</b>
	Double Solenoid (Bistable)	2.93 oz	<b>P2M2T4EE2C</b>

### Size 2 Air Pilot Manifold Valves

#### 4-Way / 2-Position / Single Valve

	Solenoid	Weight	Part Number
	Single Air Pilot (Monostable)	2.61 oz	<b>P2M2T4PS</b>
	Double Air Pilot (Bistable)	2.93 oz	<b>P2M2T4PP</b>

#### 3-Way / 2-Position / Dual Valve

	Solenoid	Weight	Part Number
	Double Solenoid NC + NC with Exhaust Check	3.32 oz	<b>P2M2TDEE2C</b>
	Double Solenoid NO + NO with Exhaust Check	3.32 oz	<b>P2M2TCEE2C</b>
	Double Solenoid NC + NO with Exhaust Check	3.32 oz	<b>P2M2TEEE2C</b>
	Single Solenoid NC with Exhaust Check	3.17 oz	<b>P2M2T3ES2C</b>
	Center Exhaust = dual 3/2 NC + NC without Exhaust Check	3.32 oz	<b>P2M2TGEE2C</b>

#### 3-Way / 2-Position / Dual Valve

	Solenoid	Weight	Part Number
	Double Air Pilot NC + NC with Exhaust Check	3.32 oz	<b>P2M2TDPP</b>
	Double Air Pilot NO + NO with Exhaust Check	3.32 oz	<b>P2M2TCPP</b>
	Single Air Pilot NC with Exhaust Check	2.61 oz	<b>P2M2T3PS</b>

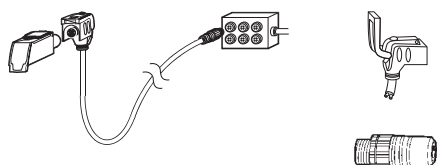
**Note:** Includes 5/32" (4mm) Air Pilot Connectors.

**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	<b>P8LS08L226C</b>
	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



**P2M1K0TASD**



**P2M2HXT01**



**P2M2BXT0A**

## Manifold Options

Module	Weight (oz)	Order Code
Pneumatic Head and Tail Set	2.26	<b>P2M2HXT01*</b>
Pneumatic Head and Tail Set with TORX Screwdriver	2.50	<b>P2M2HXT0T*</b>
TORX Screwdriver Only	.24	<b>P2M1K0TASD</b>
Intermediate Supply Module (With a set of 4 Configuration Plates)	1.48	<b>P2M2BXT0A*</b>

\* Use Fittings for Size 2 Modules Only.

## "T" Series Size 2 Pneumatic Connectors



**PMDYY2**



**MMDVA2**



**HMDXX2**



**FMD09-2B**



**CMD09-2B**

		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	<b>CMD07-2B</b>	0.11	<b>FMD07-2B</b>
	8mm OD	0.21	CMD08-2	0.14	FMD08-2
	3/8" OD	0.21	<b>CMD09-2B</b>	0.14	<b>FMD09-2B</b>
	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	<b>FMD13-2B</b>
Muffler for Exhaust Port	—	—	—	0.11	<b>MMDVA2</b>
Plug	—	—	—	0.18	<b>PMDYY2</b>
Double Male Union (For Peripheral Valve Modules)	—	—	—	0.28	<b>HMDXX2</b>

Note: 85 Durometer minimum for pneumatic connectors.

## "T" Series Manifold Valve with Individual Connectors (Complete with Pneumatic and Electrical Connectors)

**BOLD OPTIONS ARE MOST POPULAR.**

**P2M** **1** **T** **4ES** **2C** **00** **0** **F4**

Basic Series	
Valvetronic Modules	<b>P2M</b>

Size	
Size 1	<b>1</b>
Size 2	<b>2</b>

Valve Series	
Individual Wire	<b>T</b>

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

\* Valve includes peripheral P. O. Check Valve and union fittings.  
\*\* Size 1 Only.

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

\* Only Available with Size 2 Valves.

Ports 1 & 3	
<b>0</b>	<b>None</b>

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

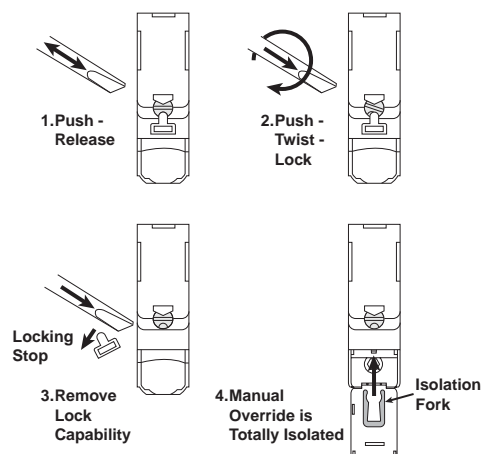
Operator Voltage	
<b>2C</b>	<b>24VDC</b>
00	Remote Pilot - 5/32" (4mm) Tube

### 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





“T” Series Single Solenoid

**Example:**

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

**How to Order Complete Valve Assembly**

Line Item	Quantity	Part Number	Description
1	1	P2M1T4ES2CV20F7	Size 1, T Series Manifold Valves, 4 Way, Single Solenoid, 2m Cable with LED / Surge Suppression, 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.
  - 3. To assemble into a manifold, Pneumatic Head and Tail Set must be ordered separately.

**How to Order Components**

Line Item	Quantity	Part Number	Description
1	1	P2M1T4ES2C	Size 1, T Series Manifold Valves, Single Solenoid, 4 Way
2	1	P8LS08L226C	2m Cable with LED / Surge Suppression
3	2	FMD07-1B	Size 1, 1/4" OD Tube Push In Connector