

Basic modules (without connector)

Valve Modules					Size 1		Size 2		
	Symbol	Description	Actuator	Pilot connector	W (g)	Order code	W (g)	Order code	
 Size 1 Dual 4/2		4/2 Spring return	Solenoid	M8 Lockable	68	P2M1T4ES2C	74	P2M2T4ES2C	
			Air pilot	Clip	68	P2M1T4ES2CW	74	P2M2T4ES2CW	
		4/2 Double pilot	Solenoid	M8 Lockable	63	P2M1T4PS	69	P2M2T4PS	
			Air pilot	Clip	63	P2M1T4EE2C	83	P2M2T4EE2C	
	 Size 1		2 x 3/2 NC + NC with exhaust check valves	Solenoid	M8 Lockable	77	P2M1T4EE2CW	83	P2M2T4EE2CW
				Air pilot	Clip	77	P2M1T4PP	73	P2M2T4PP
		2 x 3/2 NO + NO with exhaust check valves	Solenoid	M8 Lockable	67	P2M1TDDEE2C	94	P2M2TDDEE2C	
			Air pilot	Clip	67	P2M1TDDEE2CW	94	P2M2TDDEE2CW	
 Size 1			2 x 3/2 NC + NO with exhaust check valves	Solenoid	M8 Lockable	80	P2M1TDPP	84	P2M2TDPP
				Air pilot	Clip	80	P2M1TCEE2C	94	P2M2TCEE2C
		2 x 3/2 NC + NO with exhaust check valves	Solenoid	M8 Lockable	80	P2M1TCEE2CW	94	P2M2TCEE2CW	
			Air pilot	Clip	80	P2M1TCPP	84	P2M2TCPP	
	 Size 2		2 x 4/2 Spring return with exhaust check valves	Solenoid	M8 Lockable	80	P2M1TEEE2C	94	P2M2TEEE2C
				Air pilot	Clip	80	P2M1TEEE2CW	94	P2M2TEEE2CW
		2 x 4/2 Spring return with exhaust check valves	Solenoid	M8 Lockable	70	P2M1TEPP	84	P2M2TEPP	
			Air pilot	Clip	70	P2M1TJEE2C	94	P2M2TJEE2C	
 Size 2			3/2 NC with exhaust check valves	Solenoid	M8 Lockable	88	P2M1TJEE2CW		
				Air pilot	Clip	88	P2M1TJPP		
		4/3 Centre exhaust 2 x 3/2 NC + NC without exhaust check valves	Solenoid	M8 Lockable	78	P2M1T3ES2C	90	P2M2T3ES2C	
			Air pilot	Clip	78	P2M1T3ES2CW	90	P2M2T3ES2CW	
		4/3 Centre exhaust 2 x 3/2 NC + NC without exhaust check valves	Solenoid	M8 Lockable	71	P2M1T3PS	70	P2M2T3PS	
			Air pilot	Clip	71	P2M1TGEE2C	94	P2M2TGEE2C	
	4/3 Centre exhaust 2 x 3/2 NC + NC without exhaust check valves	Solenoid	M8 Lockable	80	P2M1TGEE2CW	94	P2M2TGEE2CW		
		Air pilot	Clip	80	P2M1TGPP	84	P2M2TGPP		

Island head and intermediate module sets

Valve Modules			Size 2	
	Description		W (g)	Order code
 P2M2HXT01	Valve island pneumatic head and tail module set		64	P2M2HXT01
	Valve island intermediate supply module with a set of 4 configuration plates		64	P2M2BXT0A

Clip-On pneumatic connectors *

Valve Modules			Size 1		Size 2	
	Description	Tube OD	W (g)	Order code	W (g)	Order code
	Straight connector	G1/8"	2	FMDG1-1		
		4 mm	2	FMD04-1		
		6 mm	3	FMD06-1	3	FMD06-2
		8 mm			4	FMD08-2
		10 mm			5	FMD10-2
		12 mm			6	FMD12-2
	Elbow connector	G1/8"	3	CMDG1-1		
		4 mm	3	CMD04-1		
		6 mm	5	CMD06-1	5	CMD06-2
		8 mm			6	CMD08-2
		10 mm			7	CMD10-2
		12 mm			8	CMD12-2
	Silencer				5	MMDVA2
	Plug		3	PMDXX1	5	PMDXX2

* Fittings and plugs pack quantity: 10

* Fittings and plugs pack quantity: 10

Electrical connectors

 	Description	Connector type	Cable length	W (g)	Order code
	Individual lockable connector – IP67	M8 / 2 x Flying leads	2 meters	62	P8LS08L226C
	Including LED and surge protection		5 meters	155	P8LS08L526C
	2 Flying leads		9 meters	180	P8LS08L926C
	Clip connector – IP40	1 x Clip connector	1 meter	8	P8LW021C
	Individual: Including 2 flying leads		2 meter	12	P8LW022C
	Multiple: Including 1 common (0 Vdc) and 1 flying lead per connector		2 x Clip connectors	1 meter	12
		4 x Clip connectors	1 meter	20	P8LW021C04
		8 x Clip connectors	1 meter	36	P8LW021C08
	Straight cable quick connect to thread connector, IP67 protected	M8		12	P8CS0803J
	M12		15	P8CS1204J	

Complete module ordering, as compared to basic module ordering

Complete modules

Ordered from the following pages, the complete modules are supplied all equipped with their electrical and pneumatic connectors. Only one order line is necessary, and each module comes complete, with just the necessary chosen connectors.



Basic modules

Ordered from the previous pages, the basic modules are to be equipped with their connectors. The clip-on assembly to the module is easy. The main advantage is flexibility : connector type and size may be chosen at the last moment, to better fit the machine needs.



Pneumatic clip-on push-in connectors

V series

See opposite page for complete module order code chart

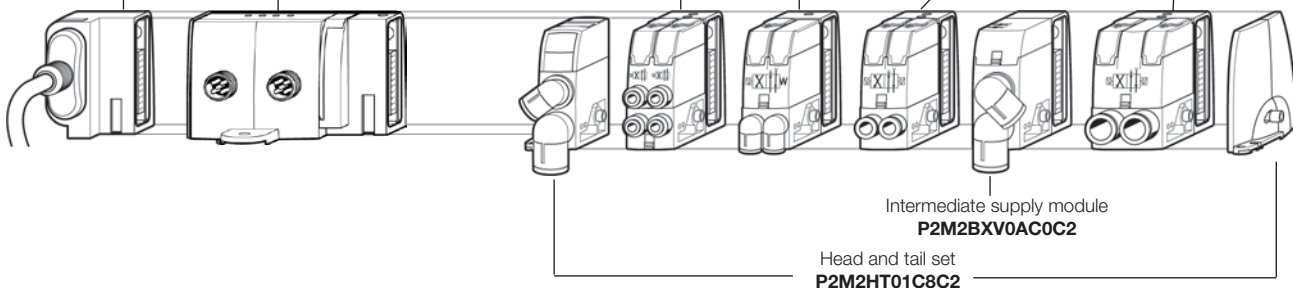
Multi-connectors or communicant electrical head modules to be ordered from pages 17 to 21

Size 1
2x4/2
P2M1VJEE2CV00F4

Size 1
4/2 solenoid spring
P2M1V4ES2CV00C6

Size 1
4/2 double solenoid
P2M1V4EE2CV00F6

Size 2
4/2 double solenoid
P2M2V4EE2CV00F0



T series

See opposite page for complete module order code chart

Size 1
4/2 solenoid spring
P2M1T4ES2CV90F6

Size 1
2x3/2 NC + NC
P2M1TDEE2CV20C6

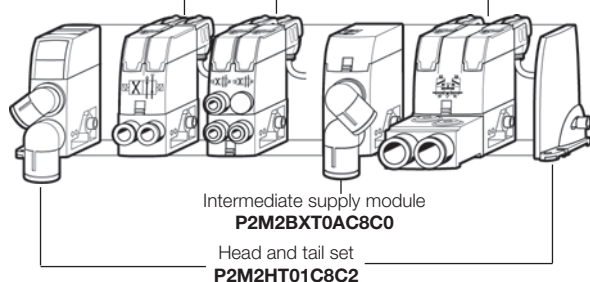
Size 2
4/2 double solenoid
P2M1T4EE2CV20C0



Size 1
4/2 double solenoid
P2M1T4EE2CV50F6

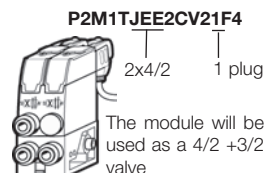
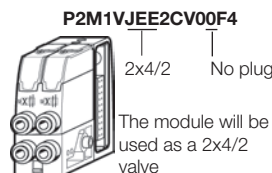
Size 1
2x4/2
P2M1TJEE2CV21F4

Size 2
4/3 All Ports Blocked
P2M2TBEE2CV50F0



Special case : the 2 x 4/2 mini-module plug configuration

For micro-cylinders, this very compact 2 x 4/2 module (order code. JEE) may also be used to obtain 3/2 valves, either Normally Closed or Normally Open. To do so, the complete module may be supplied with plugs that may replace some of the plug-in connectors. To order, use the top chart from opposite page.



S and P series

See page 28 and 29 for complete module order code charts.

Moduflex Valve System



V series

Integrated connection industrial comms or multi-connector valve island



T series

Individual connector valve islands
Solenoid clip or lockable connector or remote air pilot



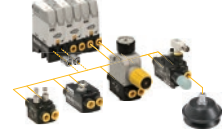
S series

Stand alone valves
Solenoid clip or lockable connector or remote air pilot



P series

Peripheral modules
Flow control, check valves, pressure regulator, vacuum



1

Industrial communication node head module

Protocol		Nb of DO's
IO-Link	IP65	Class A - Power 1 - 3 24 DO* P2M2HBVL12400A13 / -SPC
		Class A - Power 4 - 2 24 DO* P2M2HBVL12400A42 / -SPC
		Class A - Power 4 - 3 24 DO* P2M2HBVL12400A43 / -SPC
		Class B - Power 2 - 5 24 DO* P2M2HBVL12400B25 / -SPC
Industrial Ethernet	IP20	Profinet IO 24 DO* P2M2HBVN12400RJ
		EtherNet/IP 24 DO* P2M2HBVE12400RJ
		EtherCAT 24 DO* P2M2HBVT12400RJ
		Profinet IO 24 DO* P2M2HBVN12400
	IP65	EtherNet/IP 24 DO* P2M2HBVE12400
		EtherCAT 24 DO* P2M2HBVT12400
		Powerlink 24 DO* P2M2HBVM12400
		Modbus TCP/IP 24 DO* P2M2HBVM12400
		CC-Link IE 24 DO* Coming soon

* Only the first 19 DO usable with Moduflex Valve

Electrical multi-connector head module

Description	Protection	Cable length
Guillotine type	IP65	P2M2HEVOA
		P2MLMH20M2A
		P2MLMH20M5A
Standard Sub-D 25 type	IP40	P2MLMH20M9A
		P2M2HEVOD
		P2MLMH25M3A
	IP65	P2MLMH25M5A
		P2MLMH25B9A

Island head and intermediate module sets

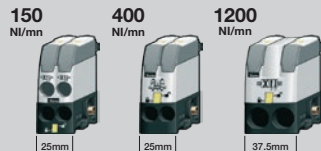
		Size 2	
		V series	T series
	Valve island pneumatic head and tail module set	P2M2HXT01	P2M2HXT01
	Valve island intermediate supply module with a set of 4 configuration plates	P2M2BXV0A	P2M2BXT0A

Electrical connectors

Description	Connector type	Cable length	
M8 lockable connector	M8 / 2 x Flying leads	2 m	P8LS08L226C
		5 m	P8LS08L526C
		9 m	P8LS08L926C
Clip connector - IP40	1 x Clip connector	1 m	P8LW021C
		2 x Clip connectors	P8LW021C02
		4 x Clip connectors	P8LW021C04
Multiple: Including 1 common (0 Vdc) and 1 flying lead per connector	8 x Clip connector	1 m	P8LW021C08
			P8CS0803J
			P8CS1204J
Straight cable quick connect to thread connector, IP67 protected	M12		P8CS1212A
		M12 Male - 2 x M12 Female	

* Y = shape

2



Size 1

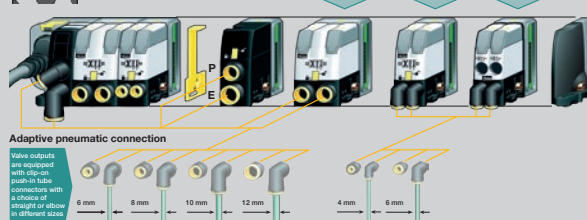
	IP65	IP67	IP40
4/2			
3/2			

Size 2

	IP65	IP67	IP40
4/2			
3/2			

24 V --- P= - 0.9 bar / +8 bar

3



Clip-On pneumatic connectors

	Tube OD	Size 1	Size 2
Straight connector	G1/8	FMDG1-1	
	4mm	FMD04-1	
	6mm	FMD06-1	FMD06-2
	8mm		FMD08-2
	10mm		FMD10-2
	12mm		FMD12-2
Elbow connector	G1/8	CMDG1-1	
	4mm	CMD04-1	
	6mm	CMD06-1	CMD06-2
	8mm		CMD08-2
	10mm		CMD10-2
	12mm		CMD12-2
Double male union		HMDXX1	HMDXX2
Silencer		MMDVA1	MMDVA2
Plug		PMDXX1	PMDXX2

4

Basic peripheral modules (without connector)

	Size 1	Size 2
Dual flow control	P2M1PXFA	P2M2PXFA
Dual P.O. check valve	P2M1PXCA	P2M2PXCA
Pressure regulator	Pressure range Gauge	
0 - 2 bar	0 - 4 bar	P2M1PXSR P2M2PXSR
	Without	P2M1PXST P2M2PXST
	0 - 7 bar	P2M1PXSM P2M2PXSM
	Without	P2M1PXSL P2M2PXSL
0 - 8 bar	0 - 11 bar	P2M1PXSG P2M2PXSG
	Without	P2M1PXSN P2M2PXSN
90° Vacuum generator	P2M1PXVA	

Clip-on accessories

Description	Connection	Pressure range	
Clip-on pressure gauge for pressure regulator modules, size 1 or size 2	Clip-on	0 to 4 bar	P2M1K0GT
		0 - 7 bar	P2M1K0GL
		0 - 11 bar	P2M1K0GN
Analog (1 - 5 Vdc) Vacuum Sensor	4 mm tube	0 to -1 bar	MPS-V8T4-AG
Flying lead 2 m cable	6 mm tube	0 to -1 bar	MPS-V8T-AG
Dig. PNP / Ana (4 - 20 mA) Vacuum Sensor 15 cm cable - M8 4 pin's connector	G1/8" male	0 to -1 bar	MPS-V34G-PCI

www.parker.com/pde/p2m

