












Parker Moduflex Valve System

Catalogue PDE2536TCUK





ENGINEERING YOUR SUCCESS.



Basic modules (without connector)

Valve Modules				Size 1		Size 2	
Size 1	Symbol	Description	Weight [g]	Order code	Weight [g]	Order code	
		4/2 Solenoid spring	94	P2M1V4ES2CV	100	P2M2V4ES2CV	
		4/2 Double solenoid	103	P2M1V4EE2CV	110	P2M2V4EE2CV	
		2 x 3/2 NC + NC with exhaust check valves	106	P2M1VDEE2CV	115	P2M2VDEE2CV	
		2 x 3/2 NO + NO with exhaust check valves	106	P2M1VCEE2CV	115	P2M2VCEE2CV	
		2 x 3/2 NC + NO with exhaust check valves	106	P2M1VEEE2CV	115	P2M2VEEE2CV	
		2 x 4/2 Solenoid spring with exhaust check valves	114	P2M1VJEE2CV			
		3/2 NC with exhaust check valves	102	P2M1V3ES2CV	110	P2M2V3ES2CV	
		4/3 Centre exhaust 2 x 3/2 NC + NC without exhaust check valves	106	P2M1VGEE2CV		P2M2VGEE2CV	

Island head and intermediate module sets



Valve Modules			Size 2	
Description			Weight [g]	Order code
 	Valve island pneumatic head and tail module set	64	P2M2HXT01	
	Valve island intermediate supply module with a set of 4 configuration plates	68	P2M2BXV0A	

Clip-On pneumatic connectors *




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

* Fittings and plugs pack quantity: 10



V series valve island: Electrical multi-connector head module

Description	Protection	Cable length	Weight [g]	Order code	
	Multi-connection head module		38	P2M2HEV0A	
		Guillotine connector with flying leads multi-cable	2 m	335	P8LMH20M2A
			5 m	802	P8LMH20M5A
		9 m	1425	P8LMH20M9A	
	Multi-connection head module		60	P2M2HEV0D	
		Sub-D 25 connector with flying leads multi-cable	3 m	435	P8LMH25M3A
			9 m	1425	P8LMH25M9A
			9 m	1425	P8LMH25B9A



Basic modules (without connector)

Valve Modules		Size 1				Size 2	
Symbol	Description	Actuator	Pilot connector	W (g)	Order code	W (g)	Order code
	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	77	P2M1T4EE2C	83	P2M2T4EE2C
	2 x 3/2 NC + NC with exhaust check valves	Solenoid	M8 Lockable	77	P2M1T4EE2CW	83	P2M2T4EE2CW
		Air pilot	Clip	67	P2M1T4PP	73	P2M2T4PP
	2 x 3/2 NC + NC with exhaust check valves	Solenoid	M8 Lockable	80	P2M1TDEE2C	94	P2M2TDEE2C
		Air pilot	Clip	80	P2M1TDEE2CW	94	P2M2TDEE2CW
	2 x 3/2 NO + NO with exhaust check valves	Solenoid	M8 Lockable	70	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	70	P2M1TCPP	84	P2M2TCPP
	2 x 3/2 NC + NO 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	80	P2M1TEEE2C	94	P2M2TEEE2C
		Air pilot	Clip	70	P2M1TEPP	84	P2M2TEPP
	3/2 NC with exhaust check valves	Solenoid	M8 Lockable	88	P2M1TJEE2C	94	P2M2TJEE2C
		Air pilot	Clip	88	P2M1TJEE2CW	94	P2M2TJEE2CW
4/3 Centre exhaust 2 x 3/2 NC + NC without exhaust check valves	Solenoid	M8 Lockable	76	P2M1T3ES2C	90	P2M2T3ES2C	
	Air pilot	Clip	76	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	80	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	70	P2M1TGPP	84	P2M2TGPP	


Island head and intermediate module sets

Valve Modules		Size 2	
Description	W (g)	Order code	
 P2M2HXT01	64	P2M2HXT01	
 P2M2BXT0A	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
* Fittings and plugs pack quantity: 10						
Silencer				5	MMDVA2	
Plug		3	PMDXX1	5	PMDXX2	

Electrical connectors

Description	Connector type	Cable length	W (g)	Order code		
 M8 lockable connector	Individual lockable connector – IP67	M8 / 2 x Flying leads	2 meters	62	P8LS08L226C	
			5 meters	155	P8LS08L526C	
			9 meters	180	P8LS08L926C	
		Clip connector – IP40	1 x Clip connector	1 meter	8	P8LW021C
			2 x Clip connectors	2 meter	12	P8LW022C
Clip connector – IP40	Multiple: Including 1 common (0 Vdc) and 1 flying lead per connector	2 x Clip connectors	1 meter	12	P8LW021C02	
		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		

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



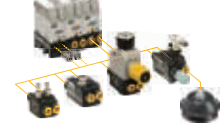
S series

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



P series

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



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Industrial Communication Node head module

Protocol	Class	Nb of DO's	Part Number
IO-Link	Class A - Power 1 - 3	24 DO*	P2M2HBVL12400A13 / -SPC
	Class A - Power 4 - 3	24 DO*	P2M2HBVL12400A42 / -SPC
	Class A - Power 4 - 3	24 DO*	P2M2HBVL12400A43 / -SPC
Industrial Ethernet	Class B - Power 2 - 5	24 DO*	P2M2HBVL12400B25 / -SPC
	Profinet IO	24 DO*	P2M2HBVN12400
	EtherNet/IP	24 DO*	P2M2HBVE12400
	EtherCAT	24 DO*	P2M2HBVT12400
	PowerLink	24 DO*	P2M2HBVW12400
Modbus TCP/IP	24 DO*	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	Part Number
Guillotine type	IP65	2 m	P2M2HEVOA
		5 m	P2M2HEV0A
		9 m	P2M2HEV0A
Standard Sub-D 25 type	IP40	3 m	P2M2HEV0D
		9 m	P2M2HEV0D
		9 m	P2M2HEV0D

Island head and intermediate module sets

Description	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	Part Number
Individual lockable connector - IP67 Including LED and surge protection 2 Flying leads	M8 / 2 x Flying leads	2 m	P8LS08L226C
		5 m	P8LS08L526C
		9 m	P8LS08L926C
Clip connector - IP40 Individual : Including 2 flying leads Multiple : Including 1 common (0 Vdc) and 1 flying lead per connector	1 x Clip connector 2 x Clip connectors 4 x Clip connectors 8 x Clip connector	1 m	P8LW021C
		1 m	P8LW021C02
Straight cable quick connect to thread connector, IP67 protected - Y = shape	M8 M12 M12 Male - 2 x M12 Female	1 m	P8CS0803J
		1 m	P8CS1204J
			P8CSY1212A

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Protection	Size 1					Size 2				
	IP65	IP67	IP40	IP65	IP67	IP40	IP65	IP67	IP40	
4/2	V	T	S	T	S	V	T	S	T	S
	P2M1V4ES2CV	P2M1T4ES2C	P2M1S4ES2C	P2M1T4ES2CW	P2M1S4ES2CW	P2M2V4ES2CV	P2M2T4ES2C	P2M2S4ES2C	P2M2T4ES2CW	P2M2S4ES2CW
	P2M1V4EE2CV	P2M1T4EE2C	P2M1S4EE2C	P2M1T4EE2CW	P2M1S4EE2CW	P2M2V4EE2CV	P2M2T4EE2C	P2M2S4EE2C	P2M2T4EE2CW	P2M2S4EE2CW
	P2M1VJEE2CV	P2M1TJEE2C	P2M1SJEE2C	P2M1TJEE2CW	P2M1SJEE2CW					
	P2M1VDEE2CV	P2M1TDEE2C	P2M1SDEE2C	P2M1TDEE2CW	P2M1SDEE2CW	P2M2VDEE2CV	P2M2TDEE2C	P2M2SDEE2C	P2M2TDEE2CW	P2M2SDEE2CW
	P2M1VCEE2CV	P2M1TCEE2C	P2M1SCEE2C	P2M1TCEE2CW	P2M1SCEE2CW	P2M2VCEE2CV	P2M2TCEE2C	P2M2SCEE2C	P2M2TCEE2CW	P2M2SCEE2CW
3/2	P2M1VEEE2CV	P2M1TEEE2C	P2M1SEEE2C	P2M1TEEE2CW	P2M1SEEE2CW	P2M2VEEE2CV	P2M2TEEE2C	P2M2SEEE2C	P2M2TEEE2CW	P2M2SEEE2CW
	P2M1V3ES2CV	P2M1T3ES2C	P2M1S3ES2C	P2M1T3ES2CW	P2M1S3ES2CW	P2M2V3ES2CV	P2M2T3ES2C	P2M2S3ES2C	P2M2T3ES2CW	P2M2S3ES2CW

3

3 valve sizes lead to a global choice of tube sizes, thus covering all usual applications

Adaptive pneumatic connection

Clip-On pneumatic connectors

Connector	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

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Module	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	0 - 7 bar	P2M1PXST P2M2PXST
	Without	0 - 11 bar	P2M1PXSL P2M2PXSL
90% Vacuum generator	Without	Without	P2M1PXSG P2M2PXSG
			P2M1PXSN P2M2PXSN

Clip-on accessories

Description	Connection	Pressure range	Part Number
Clip-on pressure gauge for pressure regulator modules, size 1 or size 2	Clip-on	0 to 4 bar	P2M1KOGT
		0 - 7 bar	P2M1K0GL
		0 - 11 bar	P2M1K0GN
Analog (1 - 5 Vdc) Vacuum Sensor Flying lead 2 m cable	4 mm tube	0 to -1 bar	MPS-V8T4-AG
	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

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