







Parker Moduflex Valve System

Catalogue PDE2536TCUK






ENGINEERING YOUR SUCCESS.

Basic peripheral modules (without connector)




Peripheral Modules		Size 1		Size 2			
Symbol	Description	Weight (g)	Order code	Weight (g)	Order code		
	Dual flow control	50	P2M1PXFA	50	P2M2PXFA		
	Dual P.O. check valve	50	P2M1PXCA	50	P2M2PXCA		
	Pressure regulator	Pressure range	Gauge				
		0 - 2 bar	0 - 4 bar	135	P2M1PXSR	135	P2M2PXSR
			Without	105	P2M1PXST	165	P2M2PXST
		0 - 4 bar	0 - 7 bar	135	P2M1PXSM	135	P2M2PXSM
			Without	105	P2M1PXSL	165	P2M2PXSL
		0 - 8 bar	0 - 11 bar	135	P2M1PXSG	135	P2M2PXSG
	Without	105	P2M1PXSN	165	P2M2PXSN		
	90% Vacuum generator	30	P2M1PXVA				

Clip-On pneumatic connectors *

Valve Modules		Size 1		Size 2		
Description	Tube OD	Weight (g)	Order code	Weight (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
	Double male union	5	HMDXX1	8	HMDXX2	
	Silencer	3	MMDVA1			
	Plug	3	PMDXX1	5	PMDXX2	

* Fittings and plugs pack quantity: 10

Clip-on accessories

Description	Connection	Pressure range	Weight (g)	Order code
	Clip-on	0 to 4 bar	30	P2M1K0GT
		0 to 7 bar	30	P2M1K0GL
		0 to 11 bar	30	P2M1K0GN
	Diam. 4 mm tube	0 to -1 bar	25	MPS-V8T4-AG
	Diam. 6 mm tube	0 to -1 bar	25	MPS-V8T-AG
	G 1/8" male	0 to -1 bar	45	MPS-V34G-PCI
Dig. PNP / Ana (4 - 20 mA) Vacuum Sensor 15 cm cable - M8 4 pin's connector				

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



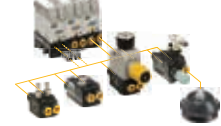
S series

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
	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	Part Number
Guillotine type Multi-connection head module Guillotine connector with flying leads multi-cable	IP65	2 m 5 m 9 m	P2M2HEVOA P8LMH20M2A P8LMH20M5A P8LMH20M9A
Standard Sub-D 25 type Multi-connection head module Sub-D 25 connector with flying leads multi-cable	IP40 IP65	3 m 9 m 9 m	P2M2HEVOD P8LMH25M3A P8LMH25M9A P8LMH25B9A

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
		1 m	P8LW021C04
		1 m	P8LW021C08
Straight cable quick connect to thread connector, IP67 protected = Y - shape	M8 M12 M12 Male - 2 x M12 Female		P8CS0803J
			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
3/2	V	T	S	T	S	V	T	S	T	S
	P2M1VDEE2CV	P2M1TDEE2C	P2M1SDEE2C	P2M1TDEE2CW	P2M1SDEE2CW	P2M2VDEE2CV	P2M2TDEE2C	P2M2SDEE2C	P2M2TDEE2CW	P2M2SDEE2CW
	P2M1VCEE2CV	P2M1TCEE2C	P2M1SCEE2C	P2M1TCEE2CW	P2M1SCEE2CW	P2M2VCEE2CV	P2M2TCEE2C	P2M2SCEE2C	P2M2TCEE2CW	P2M2SCEE2CW
	V	T	S	T	S	V	T	S	T	S
	P2M1VEEE2CV	P2M1TEEE2C	P2M1SEEE2C	P2M1TEEE2CW	P2M1SEEE2CW	P2M2VEEE2CV	P2M2TEEE2C	P2M2SEEE2C	P2M2TEEE2CW	P2M2SEEE2CW
	P2M1V3ES2CV	P2M1T3ES2C	P2M1S3ES2C	P2M1T3ES2CW	P2M1S3ES2CW	P2M2V3ES2CV	P2M2T3ES2C	P2M2S3ES2C	P2M2T3ES2CW	P2M2S3ES2CW

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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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Basic peripheral modules (without connector)

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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