

Modules de base (sans connecteur) et connecteurs pneumatiques correspondants

						Taille 1	Taille 2		
						M (g)	Référence	M (g)	Référence
		4/2 Monostable	Electri.	M8 verrouillable	72	P2M1S4ES2C	78	P2M2S4ES2C	
				A clipper	72	P2M1S4ES2CW	78	P2M2S4ES2CW	
		Pneum.		67	P2M1S4PS	73	P2M2S4PS		
			4/2 Bistable	Electri.	M8 verrouillable	87	P2M1S4EE2C	93	P2M2S4EE2C
				A clipper	87	P2M1S4EE2CW	93	P2M2S4EE2CW	
		Pneum.		77	P2M1S4PP	73	P2M2S4PP		
	2 x 3/2 NC + NC avec anti-retour d'échapt		Electri.	M8 verrouillable	85	P2M1SDEE2C	91	P2M2SDEE2C	
			A clipper	85	P2M1SDEE2CW	91	P2M2SDEE2CW		
	Pneum.		75	P2M1SDPP	81	P2M2SDPP			
		2 x 3/2 NO + NO avec anti-retour d'échapt	Electri.	M8 verrouillable	85	P2M1SCEE2C	91	P2M2SCEE2C	
			A clipper	85	P2M1SCEE2CW	91	P2M2SCEE2CW		
	Pneum.		75	P2M1SCPP	81	P2M2SCPP			
		2 x 3/2 NC + NO avec anti-retour d'échapt	Electri.	M8 verrouillable	85	P2M1SEEE2C	91	P2M2SEEE2C	
			A clipper	85	P2M1SEEE2CW	91	P2M2SEEE2CW		
	Pneum.		75	P2M1SEPP	81	P2M2SEPP			
		3/2 NC avec anti-retour d'échapt	Electri.	M8 verrouillable	80	P2M1S3ES2C	86	P2M2S3ES2C	
			A clipper	80	P2M1S3ES2CW	86	P2M2S3ES2CW		
	Pneum.		70	P2M1S3PS	76	P2M2S3PS			
4/3 Centre eouvert 2 x 3/2 NC + NC avec anti-retour d'échapt		Electri.	M8 verrouillable	85	P2M1SGEE2C	91	P2M2SGEE2C		
	A clipper		85	P2M1SGEE2CW	91	P2M2SGEE2CW			
	Pneum.		75	P2M1SGPP	81	P2M2SGPP			

Connecteurs pneumatiques *

	Désignation	Ø tube	M (g)	Taille 1	M (g)	Taille 2
				Référence		Référence
	Droit	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
	Coudé	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
	Silencieux		3	MMDVA1	5	MMDVA2
	Bouchon		3	PMDXX1	5	PMDXX2

* Quantité indivisible: 10

Connecteurs électriques

	Désignation	Connecteur	Long. de câble	M (g)	Référence
 	Avec LED, protection contre les surtensions et câbles à raccorder, protégé IP67	M8 / 2 fils volants	Câble 2 m	62	P8LS08L226C
			Câble 5 m	155	P8LS08L526C
			Câble 9 m	180	P8LS08L926C
	Connecteur à clipper - IP40	1 x connecteur à clipper	Câble 1 m	8	P8LW021C
	Individuel : Incluant 2 fils volants		Câble 2 m	12	P8LW022C
	Multiple : Incluant 1 commun (0Vdc) et 1 fil volant par connecteur	2 x connecteurs à clipper	Câble 1 m	12	P8LW021C02
		4 x connecteurs à clipper	Câble 1 m	20	P8LW021C04
		8 x connecteurs à clipper	Câble 1 m	36	P8LW021C08
	Connecteur droit auto-dénudant à visser, protégé IP67	M8		12	P8CS0803J
		M12		15	P8CS1204J

Moduflex Valve System



V series

Integrated connection field bus 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 Electrical field bus head modules



ASi Std	40	P2M2HBVA10400
40/41 M12		P2M2HBVA10404B
80		P2M2HBVA10800
80/81 M8		P2M2HBVA10808A
80/81 M12		P2M2HBVA10808B
60		P2M2HBVA20600
60/81 M8		P2M2HBVA20608A
60/81 M12		P2M2HBVA20608B
Profibus DP	160	P2M2HBVP11600
DeviceNet	160	P2M2HBVD11600
CANopen	160	P2M2HBVC11600
InterBus S	160	P2M2HBVS11600
IO-Link A	24DO	P2M2HBVL12400A13
IO-Link A	24DO	P2M2HBVL12400A42
IO-Link A	24DO	P2M2HBVL12400A43
IO-Link B	24DO	P2M2HBVL12400B25

Electrical multi-connector head module

Description	Protection	Cable length	P2M2HEV0A
Guillotine type			
Guillotine connector with flying leads multi-cable	IP65	2 m	P8LMH20M2A
		5 m	P8LMH20M5A
		9 m	P8LMH20M9A
Standard Sub-D 25 type			
Multi-connection head module Sub-D 25 connector with flying leads	IP40	3 m	P8LMH25M3A
		9 m	P8LMH25M9A
	IP65	9 m	P8LMH25B9A

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	P8LS08L226C
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	1 m	P8LW021C
	2 x Clip connectors	2 m	P8LW022C
	4 x Clip connectors	1 m	P8LW021C02
	8 x Clip connector	1 m	P8LW021C04
Straight cable quick connect to thread connector, IP67 protected	M8		P8CS0803J
	M12		P8CS1204J
	M12 Male - 2 x M12 Female		P8CSY11212A

2

150 Nl/mn

400 Nl/mn

1200 Nl/mn



Size 1

Size 2

Size 1

	IP65	IP67	IP40
4/2	P2M1V4ES2CV	P2M1T4ES2C	P2M1S4ES2C
	P2M1V4EE2CV	P2M1T4EE2C	P2M1S4EE2C
	P2M1VJEE2CV	P2M1TJEE2C	P2M1SJEE2C
3/2	P2M1VDEE2CV	P2M1TDEE2C	P2M1SDEE2C
	P2M1VCEE2CV	P2M1TCEE2C	P2M1SCEE2C
	P2M1VEEE2CV	P2M1TEEE2C	P2M1SEEE2C
	P2M1V3ES2CV	P2M1T3ES2C	P2M1S3ES2C

Size 2

	IP65	IP67	IP40
4/2	P2M2V4ES2CV	P2M2T4ES2C	P2M2S4ES2C
	P2M2V4EE2CV	P2M2T4EE2C	P2M2S4EE2C
	P2M2VDEE2CV	P2M2TDEE2C	P2M2SDEE2C
	P2M2VCEE2CV	P2M2TCEE2C	P2M2SCEE2C
	P2M2VEEE2CV	P2M2TEEE2C	P2M2SEEE2C
	P2M2V3ES2CV	P2M2T3ES2C	P2M2S3ES2C

3

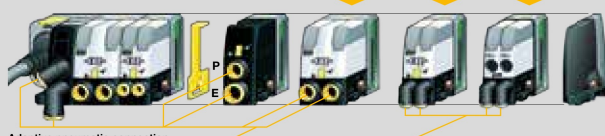
Optimal nominal section for a full flow with appropriate fitting

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

Size 2
 Nominal section 12 cm²
 On 1200 Nl/mn²
 Tube Ø 12 mm
 Tube Ø 10 mm
 Tube Ø 8 mm
 Tube Ø 6 mm
 Tube Ø 4 mm

Size 1
 Nominal section 10 cm²
 On 400 Nl/mn²
 Tube Ø 10 mm
 Tube Ø 8 mm
 Tube Ø 6 mm
 Tube Ø 4 mm

Size 01
 Nominal section 4 cm²
 On 150 Nl/mn²
 Tube Ø 6 mm
 Tube Ø 4 mm
 Tube Ø 3 mm



Adaptive pneumatic connection

Valve outputs are equipped with clip-on quick connection with automatic straight or elbow in different sizes

Clip-On pneumatic connectors

	Tube OD	Size 1	Size 2
Straight connector	G1/8	FMDG1-1	
	4mm	FMDG4-1	
	6mm	FMDG6-1	FMDG6-2
	8mm		FMDG8-2
	10mm		FMDG10-2
	12mm		FMDG12-2
Elbow connector	G1/8	CMDG1-1	
	4mm	CMDG4-1	
	6mm	CMDG6-1	CMDG6-2
	8mm		CMDG8-2
	10mm		CMDG10-2
	12mm		CMDG12-2
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
	Without		P2M2PXSR
	0 - 4 bar	0 - 7 bar	P2M1PXST
	Without		P2M2PXST
	0 - 8 bar	0 - 11 bar	P2M1PXSL
90% Vacuum generator	Without		P2M2PXSL
			P2M1PXSG
			P2M2PXSG
			P2M1PXSN
			P2M2PXSN

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

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