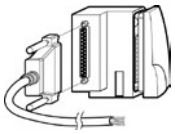
Série V : Module électrique de tête d'îlot multi-connexions

Désignation				Masse (g)	Référence
Module de tête type guillotine	**P2M2HEV0A**	Module de tête type guillotine IP65		38	**P2M2HEV0A**
	P8LMH20M2A	Câble multi-brins fils dénudés (Autres longueurs sur demande)	**IP65** câble 2 m	335	**P8LMH20M2A**
			câble 5 m	802	**P8LMH20M5A**
			câble 9 m	1425	**P8LMH20M9A**
Module de tête type sub-D25	**P2M2HEV0D**	Module de tête standard sub-D25		60	**P2M2HEV0D**
	 **P8LMH25M3A**	Câble multi-brins fils dénudés	**IP40** câble 3 m	435	**P8LMH25M3A**
			câble 9 m	1425	**P8LMH25M9A**
			IP65 câble 9 m	1425	**P8LMH25B9A**

Série V : Module électrique de tête d'îlot AS-i

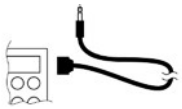
Désignation	Masse (g)	Référence
Pour bus AS-i standard (31 noeuds maxi.)		
Module électrique pour **8 sorties** maxi.		
• L'îlot série V peut compter jusqu'à 8 électro-pilotes		
• 2 noeuds de 4E / 4S pour chaque module		
Connexions d'entrée		
Aucune entrée	150	**P2M2HBVA10800**
8 entrées M8	200	**P2M2HBVA10808A**
8 entrées sur 4 M12	200	**P2M2HBVA10808B**
Module électrique pour **4 sorties** maxi.		
• L'îlot série V peut compter jusqu'à 4 électro-pilotes		
• 1 noeud de 4E / 4S pour chaque module		
Connexions d'entrée		
Aucune entrée	150	**P2M2HBVA10400**
4 entrées sur 4 M12	200	**P2M2HBVA10404B**
Pour bus AS-i version 2-1 (62 noeuds maxi.)		
Module électrique pour **6 sorties** maxi.		
• L'îlot série V peut compter jusqu'à 6 électro-pilotes		
• 2 noeuds de 4E / 3S pour chaque module		
Connexions d'entrées		
Aucune entrée	150	**P2M2HBVA20600**
8 entrées M8	200	**P2M2HBVA20608A**
8 entrées sur 4 M12	200	**P2M2HBVA20608B**

Accessoires pour bus AS-i

P8CS0803J

P8CSY1212A

Désignation	Mâle	Femekke	Masse (g)	Référence
Connecteur droit auto-dénudant pour raccordement instantané du câble	M8	Racc. instant. du câble	25	**P8CS0803J**
	M12	Racc. instant. du câble	25	**P8CS1204J**
"Y" de dérivation	M12	Deux M12	25	**P8CSY1212A**



Accessoires pour bus AS-i longueur 1 m	Câble M12 avec jack pour adressage		100	**P8LS12JACK**

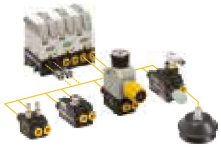
Moduflex Valve System

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



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Electrical field bus head modules

ASi Std	4O	⇨	P2M2HBVA10400
	4O/4I M12	⇨	P2M2HBVA10404B
	8O	⇨	P2M2HBVA10800
	8O/8I M8	⇨	P2M2HBVA10808A
	8O/8I M12	⇨	P2M2HBVA10808B
ASi v 2.1	6O	⇨	P2M2HBVA20600
	6O/8I M8	⇨	P2M2HBVA20608A
	6O/8I 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

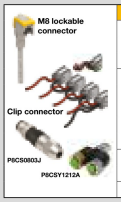
Electrical multi-connector head module

Description		Protection	Cable length	
Guillotine type	Multi-connection head module			P2M2HEV0A
	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			P2M2HEV0D
	Sub-D 25 connector with flying leads multi-cable	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	
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 m	P8LW022C
	2 x Clip connectors	1 m	P8LW021C02
	4 x Clip connectors	1 m	P8LW021C04
	8 x Clip connector	1 m	P8LW021C08
Straight cable quick connect to thread connector, IP67 protected	M8		P8CS0803J
	M12		P8CS1204J
« Y » shape	M12 Male - 2 x M12 Female		P8CSY1212A

2

150 Nl/mn — 25mm
400 Nl/mn — 25mm
1200 Nl/mn — 37.5mm

24 V⎓ P= - 0.9 bar / +8 bar

Size 1

Size 2

		Size 1					Size 2				
		IP65	IP67		IP40		IP65	IP67		IP40	
		V	T	S	T	S	V	T	S	T	S
4/2		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					
3/2		P2M1VDEE2CV	P2M1TDEE2C	P2M1SDEE2C	P2M1TDEE2CW	P2M1SDEE2CW	P2M2VDEE2CV	P2M2TDEE2C	P2M2SDEE2C	P2M2TDEE2CW	P2M2SDEE2CW
		P2M1VCEE2CV	P2M1TCEE2C	P2M1SCEE2C	P2M1TCEE2CW	P2M1SCEE2CW	P2M2VCEE2CV	P2M2TCEE2C	P2M2SCEE2C	P2M2TCEE2CW	P2M2SCEE2CW
		P2M1VEEE2CV	P2M1TEEE2C	P2M1SEEE2C	P2M1TEEE2CW	P2M1SEEE2CW	P2M2VEEE2CV	P2M2TEEE2C	P2M2SEEE2C	P2M2TEEE2CW	P2M2SEEE2CW
		P2M1V3ES2CV	P2M1T3ES2C	P2M1S3ES2C	P2M1T3ES2CW	P2M1S3ES2CW	P2M2V3ES2CV	P2M2T3ES2C	P2M2S3ES2C	P2M2T3ES2CW	P2M2S3ES2CW

3

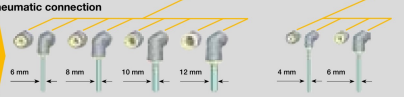
Optimal nominal section for a full flow with appropriate fitting

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

	Size 2	Size 1	Size 01
	Nominal section 40 mm²	Nominal section 12 mm²	Nominal section 4 mm²
	Qn 1200 Nl/mn*	Qn 400 Nl/mn*	Qn 150 Nl/mn*
Tube size to cylinder	Ø Ext. 10 mm / Ø Ext. 8 mm	Ø Ext. 6 mm / Ø Ext. 4 mm	Ø Ext. 4 mm
Cylinder bore size	Ø 63 to Ø 100 mm / Ø 40 to Ø 63 mm	Ø 25 to Ø 40 mm / Ø 6 to Ø 25 mm	Ø 6 to Ø 25 mm

Adaptive pneumatic connection

Valve outputs are equipped with clip-on push-in tube connections, with a choice of straight or elbow in different sizes



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 - 4 bar	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 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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