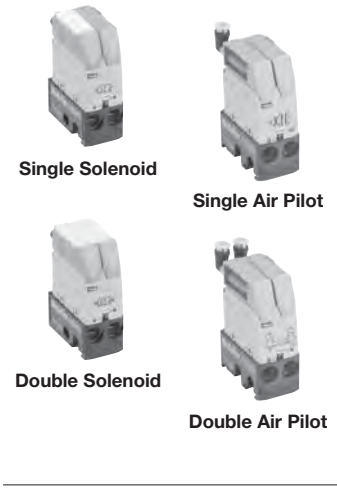
"S" Series Individual Subbase Valves Size 1 (Valve & Base without Pneumatic Connectors)



Symbol	Type	Cv	Operator	Part number
	4-way, 2-position	0.32	Single solenoid	**P2M1S4ES2C**
			Single air pilot	**P2M1S4PS**
	4-way, 2-position	0.32	Double solenoid	**P2M1S4EE2C**
			Double air pilot	**P2M1S4PP**
	3-way, 2-position, dual valve, NC/NC w/ exhaust check	0.22	Double solenoid	**P2M1SDEE2C**
			Double air pilot	**P2M1SDPP**
	3-way, 2-position, dual valve, NO/NO w/ exhaust check	0.22	Double solenoid	**P2M1SCEE2C**
			Double air pilot	**P2M1SCPP**
	3-way, 2-position, dual valve, NC/NO w/ exhaust check	0.22	Double solenoid	**P2M1SEEE2C**
	3-way, 2-position, NC w/ exhaust check	0.22	Single solenoid	**P2M1S3ES2C**
			Single air pilot	**P2M1S3PS**
	3-way, 2-position, dual valve, NC/NC	0.22	Double solenoid	**P2M1SGEE2C**

"S" Series Size 1 Accessories

	Description	Tube Size	Option	Part number
	Size 1 push to connect fitting	5/32"	Elbow	**CMD04-1**
			Straight	**FMD04-1**
	Size 1 push to connect fitting	1/4"	Elbow	**CMD07-1B**
			Straight	**FMD07-1B**
	Size 1 push to connect fitting	6mm	Elbow	**CMD06-1**
			Straight	**FMD06-1**
	Muffler for exhaust port			**MMDVA1**
	Plug			**PMDYY1**
	Double male union		Connecting peripheral modules	**HMDXX1**
	M8 female connector to flying lead - IP67 LED and surge protection		2m Cable	**P8LS08L226C**
			5m Cable	**P8LS08L526C**
			9m Cable	**P8LS08L926C**
	Field wireable connector		M8 Connector	**P8CS0803J**
			M12 Connector	**P8CS1204J**

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"S" Series Individual Subbase Valves Size 2 (Valve & Base without Pneumatic Connectors)

Single Solenoid

Single Air Pilot

Double Solenoid

Double Air Pilot

Symbol	Type	Cv	Operator	Part number
	4-way, 2-position	0.8	Single solenoid	**P2M2S4ES2C**
			Single air pilot	**P2M2S4PS**
	4-way, 2-position	0.8	Double solenoid	**P2M2S4EE2C**
			Double air pilot	**P2M2S4PP**
	3-way, 2-position, dual valve, NC/NC w/ exhaust check	0.44	Double solenoid	**P2M2SDEE2C**
			Double air pilot	**P2M2SDPP**
	3-way, 2-position, dual valve, NO/NO w/ exhaust check	0.44	Double solenoid	**P2M2SCEE2C**
			Double air pilot	**P2M2SCPP**
	3-way, 2-position, dual valve, NC/NO w/ exhaust check	0.44	Double solenoid	**P2M2SEEE2C**
	3-way, 2-position, NC w/ exhaust check	0.44	Single solenoid	**P2M2S3ES2C**
			Single air pilot	**P2M2S3PS**
	3-way, 2-position, dual valve, NC/NC	0.44	Double solenoid	**P2M2SGEE2C**

"S" Series Size 2 Accessories

	Description	Tube Size	Option	Part number
	Size 2 push to connect fitting	1/4" OD tube	Elbow	**CMD07-2B**
			Straight	**FMD07-2B**
	Size 2 push to connect fitting	3/8" OD tube	Elbow	**CMD09-2B**
			Straight	**FMD09-2B**
	Size 2 push to connect fitting	1/2" OD tube	Straight	**FMD13-2B**
	Size 2 push to connect fitting	6mm OD tube	Elbow	**CMD06-2**
			Straight	**FMD06-2**
	Size 2 push to connect fitting	8mm OD tube	Elbow	**CMD08-2**
			Straight	**FMD08-2**
	Size 2 push to connect fitting	10mm OD tube	Elbow	**CMD10-2**
			Straight	**FMD10-2**
	Size 2 push to connect fitting	12mm OD tube	Elbow	**CMD12-2**
			Straight	**FMD12-2**
	Muffler for exhaust port			**MMDVA2**
	Plug			**PMDYY2**
	Double male union		Connecting peripheral modules	**HMDXX2**
	M8 female connector to flying lead - IP67 LED and surge protection		2m Cable	**P8LS08L226C**
			5m Cable	**P8LS08L526C**
			9m Cable	**P8LS08L926C**
	Field wireable connector		M8 Connector	**P8CS0803J**
			M12 Connector	**P8CS1204J**

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"S" Series Individual Subbase Valve

(Complete with Pneumatic and Electrical Connectors)

P2M 1 S 4ES 2C 00 A F4

Basic series	
Moduflex	P2M

Size	
Size 1	1
Size 2	2

Valve series	
Individual subbase	S

Valve type / function	
3-way / 2-position	
Single solenoid, NC spring return	**3ES**
Single air pilot, NC spring return	3PS
4-way / 2-position	
Single solenoid, spring return	**4ES**
Single air pilot, spring return	4PS
Double solenoid	4EE
Double air pilot	4PP
Dual 3-way, 2-position, spring return	
Solenoid, NC / NC + PO check (4/3 APB)	BEE*
Air pilot, NC / NC + PO check (4/3 APB)	BPP*
Solenoid, NO / NO (4/3 Pressure Ctr.)	CEE
Air pilot NO / NO (4/3 Pressure Ctr.)	CPP
Solenoid, NC / NC with exhaust check	**DEE**
Air pilot, NC / NC with exhaust check	DPP
Solenoid, NO / NC with exhaust check	EEE
Solenoid, NC / NC without check (4/3 Exh. Ctr.)	GEE

* Valve includes peripheral P. O. Check Valve and union fittings.

Operator voltage	
24VDC	**2C**
Remote pilot - 5/32" (4mm) Tube	00

LED / Cable	
00	**No cable, no LED, no surge suppression**
V2	**2 Meter cable with LED and surge suppression**
V5	5 Meter cable with LED and surge suppression
V9	9 Meter cable with LED and surge suppression

Fitting configuration	
A*	**Straight fittings**
B*	**Elbow fittings**
C*†	**Straight fitting & muffler**
D*†	**Elbow fitting & muffler**

* Ports 1 & 3 fittings sizes are same as ports 2 & 4 (see example at left.)

† Fitting in port 1, muffler in port 3.

Ports (all ports)	
C0*	10mm Elbow fitting
C2*	12mm Elbow fitting
C4	**5/32" (4mm) Elbow fitting**
C6	6mm Elbow fitting
C7	**1/4" Elbow fitting**
C8*	8mm Elbow fitting
C9*	**3/8" Elbow fitting**
F0*	10mm Straight fitting
F2*	12mm Straight fitting
F3*	**1/2" Straight fitting**
F4	**5/32" (4mm) Straight fitting**
F6	6mm Straight fitting
F7	**1/4" Straight fitting**
F8*	8mm Straight fitting
F9*	**3/8" Straight fitting**

* Only available with size 2 valves.

Example for fitting configuration:

Size 1

CF7 Ports 1 & 3
1/4" straight fitting
& muffler
Ports 2 & 4
1/4" straight fittings

Size 2

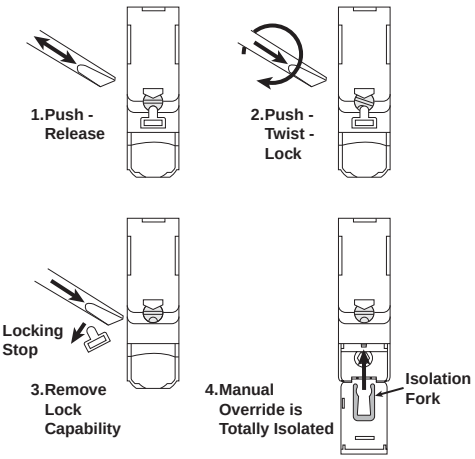
AC0 Ports 1 & 3
10mm elbow fittings
Ports 2 & 4
10mm elbow fittings

With only one universal solenoid pilot for all configurations

24VDC is now a global standard for all machines.

The Moduflex 24VDC unique solenoid pilot is supplied with the multi-function manual override that can be adapted to all requirements, as explained by the drawings.

Multi-function adaptable manual override



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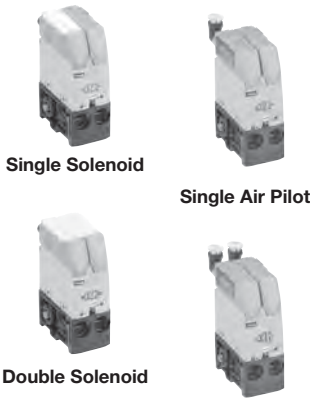
"T" Series Manifold Valves with Individual Connectors Size 1



Symbol	Type	Cv	Operator	Part number
	4-way, 2-position	0.32	Single solenoid	**P2M1T4ES2C**
			Single air pilot	**P2M1T4PS**
	4-way, 2-position	0.32	Double solenoid	**P2M1T4EE2C**
			Double air pilot	**P2M1T4PP**
	4-way, 2-position, dual valve w/ exhaust check	0.18	Double solenoid	**P2M1TJEE2C**
			Double air pilot	**P2M1TJPP**
	3-way, 2-position, dual valve, NC/NC w/ exhaust check	0.22	Double solenoid	**P2M1TDEE2C**
			Double air pilot	**P2M1TDPP**
	3-way, 2-position, dual valve, NO/NO w/ exhaust check	0.22	Double solenoid	**P2M1TCEE2C**
			Double air pilot	**P2M1TCPP**
	3-way, 2-position, dual valve, NC/NO w/ exhaust check	0.22	Double solenoid	**P2M1TEEE2C**
	3-way, 2-position, NC w/ exhaust check	0.22	Single solenoid	**P2M1T3ES2C**
			Single air pilot	**P2M1T3PS**
	3-way, 2-position, dual valve, NC/NC	0.22	Double solenoid	**P2M1TGEE2C**

"T" Series Size 1 Accessories

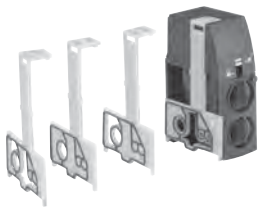
	Description	Tube size	Option	Part number
	Size 1 push to connect fitting	5/32" or 4mm	Elbow	**CMD04-1**
			Straight	**FMD04-1**
	Size 1 push to connect fitting	1/4"	Elbow	**CMD07-1B**
			Straight	**FMD07-1B**
	Size 1 push to connect fitting	6mm	Elbow	**CMD06-1**
			Straight	**FMD06-1**
	Muffler for exhaust port			**MMDVA1**
	Plug			**PMDYY1**
	Double male union		Connecting peripheral modules	**HMDXX1**
	M8 female connector to flying lead - IP67 LED and surge protection		2M cable	**P8LS08L226C**
			5M cable	**P8LS08L526C**
			9M cable	**P8LS08L926C**
	Field wireable connector		M8 connector	**P8CS0803J**
			M12 connector	**P8CS1204J**
	Torx screwdriver			**P2M1K0TASD**

Manifold Options

Module	Part number
Pneumatic end plate kit	**P2M2HXT01***
Pneumatic end plate kit with torx screwdriver	**P2M2HXT0T***
Intermediate supply module (Includes 4 configuration plates)	**P2M2BXT0A***

* Use Fittings for Size 2 Modules Only

P2M2HXT01


P2M2BXT0A

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"T" Series Manifold Valves with Individual Connectors Size 2

Single Solenoid

Single Air Pilot

Double Solenoid

Double Air Pilot

Symbol	Type	Cv	Operator	Part number
	4-way, 2-position	0.8	Single solenoid	**P2M2T4ES2C**
			Single air pilot	**P2M2T4PS**
	4-way, 2-position	0.8	Double solenoid	**P2M2T4EE2C**
			Double air pilot	**P2M2T4PP**
	3-way, 2-position, dual valve, NC/NC w/ exhaust check	0.44	Double solenoid	**P2M2TDEE2C**
			Double air pilot	**P2M2TDPP**
	3-way, 2-position, dual valve, NO/NO w/ exhaust check	0.44	Double solenoid	**P2M2TCEE2C**
			Double air pilot	**P2M2TCPP**
	3-way, 2-position, dual valve, NC/NO w/ exhaust check	0.44	Double solenoid	**P2M2TEEE2C**
	3-way, 2-position, NC w/ exhaust check	0.44	Single solenoid	**P2M2T3ES2C**
			Single air pilot	**P2M2T3PS**
	3-way, 2-position, dual valve, NC/NC	0.44	Double solenoid	**P2M2TGEE2C**

"T" Series Size 2 Accessories

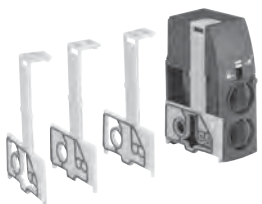
	Description	Tube size	Option	Part number
	Size 2 push to connect fitting	1/4"	Elbow	**CMD07-2B**
			Straight	**FMD07-2B**
	Size 2 push to connect fitting	3/8"	Elbow	**CMD09-2B**
			Straight	**FMD09-2B**
	Size 2 push to connect fitting	1/2"	Straight	**FMD13-2B**
	Size 2 push to connect fitting	6mm	Elbow	**CMD06-2**
			Straight	**FMD06-2**
	Size 2 push to connect fitting	8mm	Elbow	**CMD08-2**
			Straight	**FMD08-2**
	Size 2 push to connect fitting	10mm	Elbow	**CMD10-2**
			Straight	**FMD10-2**
	Size 2 Push to connect fitting	12mm	Elbow	**CMD12-2**
			Straight	**FMD12-2**
	Muffler for exhaust port			**MMDVA2**
	Plug			**PMDYY2**
	Double male union		Connecting peripheral modules	**HMDXX2**
	M8 female connector to flying lead - IP67 LED and surge protection		2M cable	**P8LS08L226C**
			5M cable	**P8LS08L526C**
			9M cable	**P8LS08L926C**
	Field wireable connector		M8 connector	**P8CS0803J**
			M12 connector	**P8CS1204J**
	Torx screwdriver			**P2M1K0TASD**

Manifold Options

Module	Part number
Pneumatic end plate kit	**P2M2HXT01***
Pneumatic end plate kit with torx screwdriver	**P2M2HXT0T***
Intermediate supply module (Includes 4 configuration plates)	**P2M2BXT0A***

* Use Fittings for Size 2 Modules Only

P2M2HXT01


P2M2BXT0A

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"T" Series Valve Manifold with Individual Connectors

(Complete with Pneumatic and Electrical Connectors)

P2M 1 T 4ES 2C 00 0 F4

Basic series	
Valvetronic modules	P2M

Size	
Size 1	1
Size 2	2

Valve series	
Individual wire	T

Valve type / function	
3-way / 2-position	
Single solenoid, NC spring return	3ES
Single air pilot, NC spring return	3PS
4-way / 2-position	
Single solenoid, spring return	4ES
Single air pilot, spring return	4PS
Double solenoid	4EE
Double air pilot	4PP
Dual 3-way, 2-position, spring return	
Solenoid, NC / NC + PO check (4/3 APB)	BEE*
Air pilot, NC / NC + PO check (4/3 APB)	BPP*
Solenoid, NO / NO (4/3 Pressure Ctr.)	CEE
Air pilot NO / NO (4/3 Pressure Ctr.)	CPP
Solenoid, NC / NC with exhaust check	DEE
Air pilot, NC / NC with exhaust check	DPP
Solenoid, NO / NC with exhaust check	EEE
Solenoid, NC / NC without check (4/3 Exh. Ctr.)	GEE
Dual 4-way, 2-position, Spring Return	
Solenoid	JEE**
Air pilot	JPP**

* Valve includes peripheral P. O. check valve and union fittings.
** Size 1 only.

Operator Voltage	
2C	24VDC
00	Remote pilot - 5/32" (4mm) tube

Led / Cable	
00	No cable, no led, no surge suppression
V2	2 Meter cable with led and surge suppression
V5	5 Meter cable with led and surge suppression
V9	9 Meter cable with led and surge suppression

Ports 1 & 3	
0	None

Ports 2 & 4	
C0*	10mm Elbow fitting
C2*	12mm Elbow fitting
C4	5/32" (4mm) Elbow fitting
C6	6mm Elbow fitting
C7	1/4" Elbow fitting
C8*	8mm Elbow fitting
C9*	3/8" Elbow fitting
F0*	10mm Straight fitting
F2*	12mm Straight fitting
F3*	1/2" Straight fitting
F4	5/32" (4mm) Straight fitting
F6	6mm Straight fitting
F7	1/4" Straight fitting
F8*	8mm Straight fitting
F9*	3/8" Straight fitting

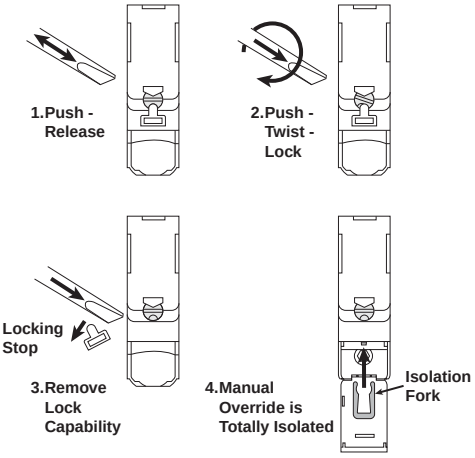
* Only available with size 2 valves.

With only one universal solenoid pilot for all configurations

24VDC is now a global standard for all machines.

The Moduflex 24VDC unique solenoid pilot is supplied with the multi-function manual override that can be adapted to all requirements, as explained by the drawings.

Multi-function adaptable manual override



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"V" Series Manifold Valves with Collective Wiring Size 1

Single Solenoid

Double Solenoid

Symbol	Type	Cv	Operator	Part number
	4-way, 2-position	0.32	Single solenoid	**P2M1V4ES2CV**
	4-way, 2-position	0.32	Double solenoid	**P2M1V4EE2CV**
	4-way, 2-position, dual valve, w/ exhaust check	0.18		**P2M1VJEE2CV**
	3-way, 2-position, dual valve, NC/NC w/ exhaust check	0.22	Double solenoid	**P2M1VDEE2CV**
	3-way, 2-position, dual valve, NO/NO w/ exhaust check	0.22	Double solenoid	**P2M1VCEE2CV**
	3-way, 2-position, dual valve, NC/NO w/ exhaust check	0.22	Double solenoid	**P2M1VEEE2CV**
	3-way, 2-position, NC w/ exhaust check	0.22	Single solenoid	**P2M1V3ES2CV**
	3-way, 2-position, dual valve, NC/NC	0.22	Double solenoid	**P2M1VGEE2CV**

"V" Series Size 1 Accessories

	Description	Tube size	Option	Part number
	Size 1 push to connect fitting	5/32"	Elbow	**CMD04-1**
			Straight	**FMD04-1**
	Size 1 push to connect fitting	1/4"	Elbow	**CMD07-1B**
			Straight	**FMD07-1B**
	Size 1 push to connect fitting	6mm	Elbow	**CMD06-1**
			Straight	**FMD06-1**
	Muffler for exhaust port			**MMDVA1**
	Plug			**PMDYY1**
	Double male union		Connecting peripheral modules	**HMDXX1**
	Electrical 20-pin multi-connector cable with flying leads	IP65 rated	2M cable	**P8LMH20M2A**
			5M cable	**P8LMH20M5A**
			9M cable	**P8LMH20M9A**
	Electrical 25-pin D-sub cable	IP20 rated	3M cable	**P8LMH25M3A**
			9M cable	**SCD259D**
		IP65 rated	3M cable	**SCD253W**
			9M cable	**SCD259WE**
	Field wireable connector for power supply	Female	M12 - A code	**P8CS1205AA**
	Line termination resistor	Profibus DP	M12 type B	**P8BPA00MB**
		Devicenet or Canopen	M12 type A	**P8BPA00MA**
	AS-i M12 cable with jack for addressing		1M cable	**P8LS12JACK**
	Torx screwdriver			**P2M1K0TASD**

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Electrical Connections

Description	Part number
20-pin, Multi-connector electrical head module	**P2M2HEV0A**
25-pin, D-sub, electrical head module	**P2M2HEV0D**

Fieldbus Connections

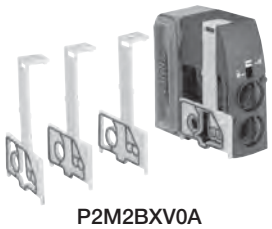
Description		Part number
Profibus DP		**P2M2HBVP21600**
DeviceNet		**P2M2HBVD21600**
CANopen		**P2M2HBVC21600**
Interbus S		**P2M2HBVS11600**
AS-i	0 inputs and 8 solenoid outputs	**P2M2HBVA10800**
AS-i	8 (PNP) inputs on eight (M8) connectors and 8 solenoid outputs	**P2M2HBVA10808A**
AS-i	8 (PNP) inputs on four (M12) connectors and 8 solenoid outputs	**P2M2HBVA10808B**
AS-i Version 2.1 ProtocolAS-i	0 inputs and 6 solenoid outputs	**P2M2HBVA20600**
AS-i Version 2.1 ProtocolAS-i	8 (PNP) inputs on eight (M8) connectors and 6 solenoid outputs	**P2M2HBVA20608A**
AS-i Version 2.1 ProtocolAS-i	8 (PNP) inputs on four (M12) connectors and 6 solenoid outputs	**P2M2HBVA20608B**

Manifold Options

Module	Part number
Pneumatic end plate kit	**P2M2HXT01***
Pneumatic end plate kit with torx screwdriver	**P2M2HXT0T***
Intermediate supply module (Includes 4 configuration plates)	**P2M2BXV0A***

* Use Fittings for Size 2 Modules Only

P2M2HXT01



P2M2BXV0A

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"V" Series Manifold Valves with Collective Wiring Size 2

Single Solenoid

Double Solenoid

Symbol	Type	Cv	Operator	Part number
	4-way, 2-position	0.8	Single solenoid	**P2M2V4ES2CV**
	4-way, 2-position	0.8	Double solenoid	**P2M2V4EE2CV**
	3-way, 2-position, dual valve, NC/NC w/ exhaust check	0.44	Double solenoid	**P2M2VDEE2CV**
	3-way, 2-position, dual valve, NO/NO w/ exhaust check	0.44	Double solenoid	**P2M2VCEE2CV**
	3-way, 2-position, dual valve, NC/NO w/ exhaust check	0.44	Double solenoid	**P2M2VEEE2CV**
	3-way, 2-position, NC w/ exhaust check	0.44	Single solenoid	**P2M2V3ES2CV**
	3-way, 2-position, dual valve, NC/NC	0.44	Double solenoid	**P2M2VGEE2CV**

"V" Series Size 2 Accessories

	Description	Tube size	Option	Part number
	Size 2 push to connect fitting	1/4" OD tube	Elbow	**CMD07-2B**
			Straight	**FMD07-2B**
	Size 2 push to connect fitting	3/8" OD tube	Elbow	**CMD09-2B**
			Straight	**FMD09-2B**
	Size 2 push to connect fitting	1/2" OD tube	Straight	**FMD13-2B**
	Size 2 push to connect fitting	6mm OD tube	Elbow	**CMD06-2**
			Straight	**FMD06-2**
	Size 2 push to connect fitting	8mm OD tube	Elbow	**CMD08-2**
			Straight	**FMD08-2**
	Size 2 push to connect fitting	10mm OD tube	Elbow	**CMD10-2**
			Straight	**FMD10-2**
	Size 2 push to connect fitting	12mm OD tube	Elbow	**CMD12-2**
			Straight	**FMD12-2**
	Muffler for exhaust port			**MMDVA2**
	Plug			**PMDYY2**
	Double Male Union		Connecting peripheral modules	**HMDXX2**
	Electrical 20-pin multi-connector cable with flying leads	IP65 rated	2M cable	**P8LMH20M2A**
			5M cable	**P8LMH20M5A**
			9M cable	**P8LMH20M9A**
	Electrical 25-pin D-sub cable	IP20 rated	3M cable	**P8LMH25M3A**
			9M cable	**SCD259D**
		IP65 rated	3M cable	**SCD253W**
			9M cable	**SCD259WE**
	Torx screwdriver			**P2M1K0TASD**

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