

Stand-Alone Valve Modules: S series

Very useful to control isolated cylinders, these stand-alone valves module are compact and easy to mount on the machines with neat electrical and pneumatic connections.

As an alternative to electrical controls, valves with air pilots are also available, to be controlled by individual pneumatic signals.

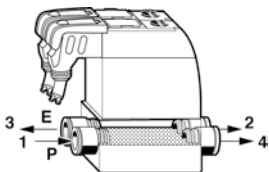


Valve functions

The following page shows all valve sizes and functions and, for each valve size, a choice of clip-on pneumatic connectors: tubing size, straight, elbow etc."

Valve main connections

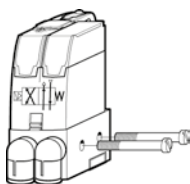
- Outlets to cylinders (ports 2 and 4) on one side.
- Supply P (port 1) and exhaust E (port 3) on the other side. At port 3, exhaust may be collected or receive a clip-on muffler.



Valve mounting

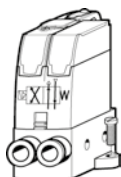
All valves may be mounted either with side screws or with their integrated retractable brackets.

Side screw mounting



The brackets are then retracted.

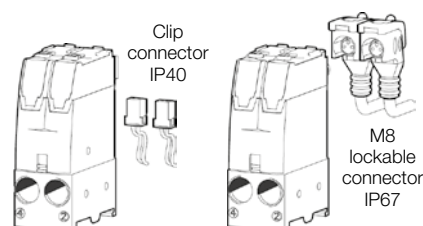
Optional foot mounting



The brackets are then extended.

Valve pilot connections

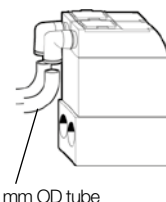
1- Solenoid valve modules



In its IP40 version, each solenoid shows Clip connection integrating LED and voltage surge protection. The clip connector with flying leads may be ordered separately with independent or interconnected common. In its IP67 version, each solenoid shows a M8 connection. Lockable connectors, IP67 protected, with LED voltage surge protection and flying lead cable may be ordered for the required length.

2- Air pilot valve modules

No connector has to be ordered : each pneumatic pilot port includes its integrated movable elbow 4 mm OD tube push-in connector.



Modules and island ordering

Choice between 2 approaches:

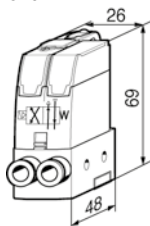
1 - Basic modules ordering:

The following page shows these modules supplied without connector, together with the choice of clip-on connectors separately supplied (10 units packs). This approach gives the maximum flexibility.

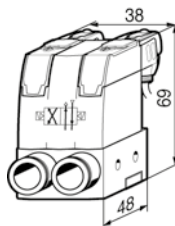
2 - Complete modules ordering:

Page 28 shows the ordering chart for modules supplied with their pneumatic and electrical connectors and muffler.











Valve module
size 1






Valve module
size 2



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	72	P2M1S4ES2C	78	P2M2S4ES2C	
				Clip	72	P2M1S4ES2CW	78	P2M2S4ES2CW	
			Air pilot		67	P2M1S4PS	73	P2M2S4PS	
		4/2 Double pilot	Solenoid	M8 Lockable	87	P2M1S4EE2C	93	P2M2S4EE2C	
				Clip	87	P2M1S4EE2CW	93	P2M2S4EE2CW	
			Air pilot		77	P2M1S4PP	73	P2M2S4PP	
		2 x 3/2 NC + NC with exhaust check valves	Solenoid	M8 Lockable	85	P2M1SDEE2C	91	P2M2SDEE2C	
				Clip	85	P2M1SDEE2CW	91	P2M2SDEE2CW	
			Air pilot		75	P2M1SDPP	81	P2M2SDPP	
		2 x 3/2 NO + NO with exhaust check valves	Solenoid	M8 Lockable	85	P2M1SCEE2C	91	P2M2SCEE2C	
				Clip	85	P2M1SCEE2CW	91	P2M2SCEE2CW	
			Air pilot		75	P2M1SCPP	81	P2M2SCPP	
		2 x 3/2 NC + NO with exhaust check valves	Solenoid	M8 Lockable	85	P2M1SEEE2C	91	P2M2SEEE2C	
				Clip	85	P2M1SEEE2CW	91	P2M2SEEE2CW	
			Air pilot		75	P2M1SEPP	81	P2M2SEPP	
		3/2 NC with exhaust check valves	Solenoid	M8 Lockable	80	P2M1S3ES2C	86	P2M2S3ES2C	
				Clip	80	P2M1S3ES2CW	86	P2M2S3ES2CW	
			Air pilot		70	P2M1S3PS	76	P2M2S3PS	
		4/3 Centre exhaust 2 x 3/2 NC + NC without exhaust check valves	Solenoid	M8 Lockable	85	P2M1SGEE2C	91	P2M2SGEE2C	
				Clip	85	P2M1SGEE2CW	91	P2M2SGEE2CW	
			Air pilot		75	P2M1SGPP	81	P2M2SGPP	

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		
	Silencer		3	MMDVA1	5	MMDVA2			
	Plug		3	PMDXX1	5	PMDXX2			

* Fittings and plugs pack quantity: 10

Electrical connectors

 M8 lockable connector  Clip connector 	Description	Connector type	Cable length	W (g)	Order code
	Individual lockable connector – IP67	M8 / 2 x Flying leads	2 meters	62	P8LS08L226C
	Including LED and surge protection		5 meters	155	P8LS08L526C
	2 Flying leads		9 meters	180	P8LS08L926C
	Clip connector – IP40	1 x Clip connector	1 meter	8	P8LW021C
	Individual: Including 2 flying leads		2 meter	12	P8LW022C
	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	