

Stacking high flow valves with air pilot or solenoid actuation. Light weight plastic bodies feature push-in or threaded connections. Stacking valves feature modular inlet and exhaust facility.

- High flow, compact size
- Push-in or threaded connection
- DIN rail or block mounting
- Light weight construction



**Head and tail sets and intermediate supply modules**

	Type of mounting	Description	Valve size	Port size	Weight (g)	Order code
	On DIN rail	Single air supply head and tail set	PVL-B	G1/4	175	<b>PVL-B1719</b>
			PVL-C	G3/8	195	<b>PVL-C1713</b>
		Dual air supply head and tail set	PVL-B	G1/4	245	<b>PVL-B1729</b>
			PVL-C	G3/8	285	<b>PVL-C1723</b>
	Surface	Single air supply head and tail set	PVL-B	G1/8	200	<b>PVL-B1818</b>
			PVL-C	G1/4	225	<b>PVL-C1819</b>
		Dual air supply head and tail set	PVL-B	G1/8	260	<b>PVL-B1828</b>
			PVL-C	G1/4	280	<b>PVL-C1829</b>
	On DIN rail	Intermediate supply module	PVL-B	G1/8	150	<b>PVU-LBB118</b>
			PVL-C	G1/4	200	<b>PVU-LCC119</b>
	On DIN rail	Kit for stacking PVL-B & PVL-C Including : - 1 transfert / take-off module - 1 PVL-C head module - 1 PVL-B end plate	PVL-C/B	G1/4-G1/8	640	<b>PVU-LCB119</b>



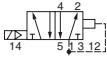
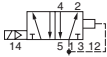

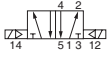
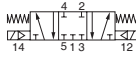
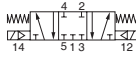


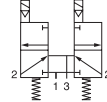
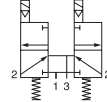
**Spare mounting and assembly kits**

	Description	Valve size	Port size	Weight (g)	Order code
	Kit for sealing the inlet/exhaust common gallery including : PVL-C - 3 common blanking plugs - 2 drilled and threaded rods - 2 screws for extended tie rod	PVL-B		35	<b>PVL-B1901</b>
				65	<b>PVL-C1901</b>
	Pack of 10 common blanking	PVL-B		35	<b>PVL-B1902</b>
		PVL-C		65	<b>PVL-C1902</b>
	Pack of 10 stacking rods	PVL-B		35	<b>PPR-V21</b>
		PVL-C		65	<b>PPR-V22</b>
	Pack of 20 rail clip assembly	PVL-B / PVL-C		70	<b>PPR-L09</b>
	Pack of 30 O-ring seals for common inlet/exhaust ports	PVL-B		15	<b>PPR-V23</b>
		PVL-C		15	<b>PPR-V24</b>

## PVL-B & -C valve module for electric low power solenoid or air actuator

Valve module without actuator


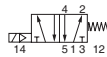




For use with air-pilot connector or 1,2 W / 1,6 VA solenoid valve

Symbol	Description	Valve size	Connection	Weight (g)	Order code
 	5/2 single acting / Spring return	PVL-B	Push-in Ø 6 mm	125	<b>PVL-B111606</b>
			G 1/8	125	<b>PVL-B111618</b>
	PVL-C	Push-in Ø 8 mm	240	<b>PVL-C111608</b>	
		G 1/4	240	<b>PVL-C111619</b>	
		G 3/8	240	<b>PVL-C111613</b>	
	 	5/2 single acting / Air spring return	PVL-B	Push-in Ø 6 mm	125
			G 1/8	125	<b>PVL-B113618</b>
PVL-C		Push-in Ø 8 mm	240	<b>PVL-C113608</b>	
		G 1/4	240	<b>PVL-C113619</b>	
		G 3/8	240	<b>PVL-C113613</b>	
 		5/2 double acting	PVL-B	Push-in Ø 6 mm	120
			G 1/8	120	<b>PVL-B112618</b>
	PVL-C	Push-in Ø 8 mm	230	<b>PVL-C112608</b>	
		G 1/4	230	<b>PVL-C112619</b>	
		G 3/8	230	<b>PVL-C112613</b>	
	 	5/3 APB (All Ports Blocked)	PVL-B	Push-in Ø 6 mm	130
			G 1/8	130	<b>PVL-B117618</b>
PVL-C		Push-in Ø 8 mm	250	<b>PVL-C117608</b>	
		G 1/4	250	<b>PVL-C117619</b>	
		G 3/8	250	<b>PVL-C117613</b>	
 		5/3 Vented centre	PVL-C	Push-in Ø 8 mm	250
			G 1/4	250	<b>PVL-C118619</b>
 	Double 3/2 Normally Closed (NC)	PVL-B	Push-in Ø 6 mm	130	<b>PVL-B115606</b>
			G 1/8	130	<b>PVL-B115618</b>

## PVL-C valve module for electric high power solenoids or air actuator

Valve module without actuator

For use with air-pilot connector or 6 W / 8,5 VA solenoid valve

Symbol	Description	Valve size	Connection	Weight (g)	Order code
 	5/2 single acting / Spring return	PVL-C	Push-in Ø 8 mm	250	<b>PVL-C111408</b>
			G 1/4	250	<b>PVL-C111419</b>
 	5/2 single acting / Air spring return	PVL-C	Push-in Ø 8 mm	250	<b>PVL-C113408</b>
			G 1/4	250	<b>PVL-C113419</b>
 	5/2 double acting	PVL-C	Push-in Ø 8 mm	240	<b>PVL-C112408</b>
			G 1/4	240	<b>PVL-C112419</b>

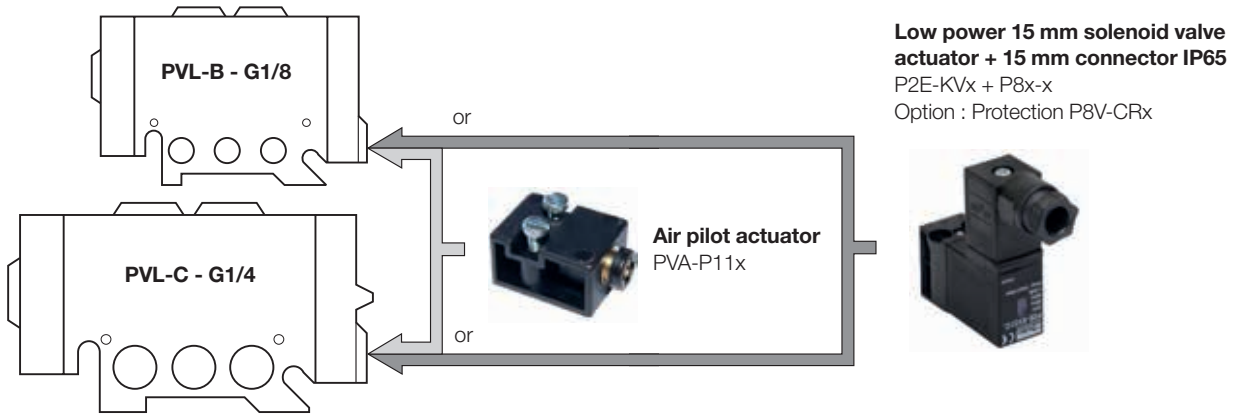
Each valve module is supplied with two tie rods for use in the "stacking" system.

The above valve operator can be either :


- Pneumatic, by adding one or two air pilot connectors including a Ø4 mm push-in fitting or a threaded M5 port ;
- Electric, by adding one or two 1,2 W / 1,6 VA solenoids (PVL-B or C) or 6 W / 8,5 VA (PVL-C).

**Modular piloting system**


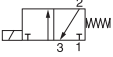
PVL-B & PVL-C valve module for air-pilot connector or lower power (1,2 W / 1,6 VA) solenoid valve






**Air-pilot actuator for PVL-B and PVL-C valve**

Description	Pneumatic connection	Weight (g)	Order code
 Air-pilot actuator for PVL-B & PVL-C 15mm solenoid body	Push-in Ø 4 mm	7	<b>PVA-P111</b>
	Threaded M5	2	<b>PVA-P115</b>

**Solenoids 15mm 1,2 W / 1,6 VA (230 VAC 2,4 VA)**  
 (8mm pin spacing)

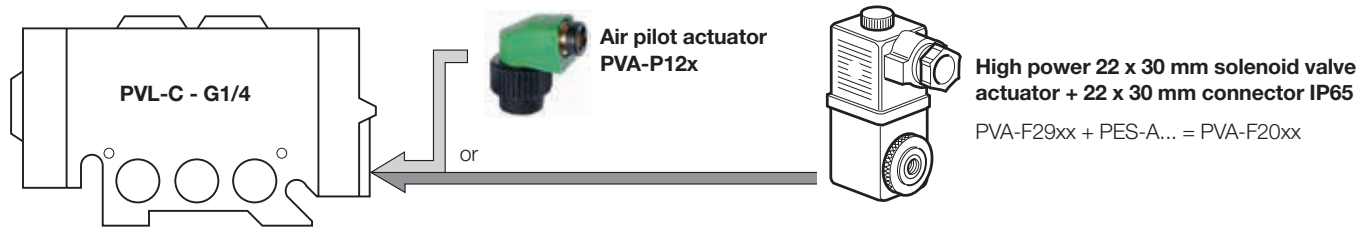
Description	Voltage	Weight (g)	Manual override		
			Without Order code	Spring return Order code	Indexing Order code
  Solenoid valve 15 mm	12 VDC	38	<b>P2E-KV32B0</b>	<b>P2E-KV32B1</b>	<b>P2E-KV32B2</b>
	24 VDC	38	<b>P2E-KV32C0</b>	<b>P2E-KV32C1</b>	<b>P2E-KV32C2</b>
	48 VDC	38	<b>P2E-KV32D0</b>	<b>P2E-KV32D1</b>	<b>P2E-KV32D2</b>
	24 V 50/60Hz	38	<b>P2E-KV31C0</b>	<b>P2E-KV31C1</b>	<b>P2E-KV31C2</b>
	48 V 50/60Hz	38	<b>P2E-KV34D0</b>	<b>P2E-KV34D1</b>	<b>P2E-KV34D2</b>
	115 V 50Hz, 120 V 60Hz	38	<b>P2E-KV31F0</b>	<b>P2E-KV31F1</b>	<b>P2E-KV31F2</b>
	230 V 50Hz, 240 V 60Hz	38	<b>P2E-KV31J0</b>	<b>P2E-KV31J1</b>	<b>P2E-KV31J2</b>
Pack of 20 seals	All solenoids	5	-	-	<b>PPR-V20</b>

**Cable plugs 15 mm - IP65**  
 (8mm pin spacing)

Description	Electrical protection	Cable length	Weight (g)	Order code	
 Large headed screw	No protection	No cable	16	<b>P8C-C</b>	
	For inaccessible or recess position	LED + Protection 24 VDC	No cable	16	<b>P8C-C26C</b>
  Standard screw	No protection	No cable	11	<b>P8C-D</b>	
			2 m cable	97	<b>P8L-C2</b>
			5 m cable	228	<b>P8L-C5</b>
	LED + Protection 24 VDC	No cable	11	11	<b>P8C-D26C</b>
	LED + Protection 24 VDC/AC		2 m cable	97	<b>P8L-C226C</b>
		5 m cable	229	<b>P8L-C526C</b>	

### Modular piloting system

PVL-C valve module for air-pilot connector or 6 W / 5,8 VA solenoid valve



### Air-pilot actuator

	Description	Pneumatic connection	Weight (g)	Order code
	Air-pilot actuator for PVL-C 22 x 30 solenoid body	Push-in Ø 4 mm - Elbow	4	<b>PVA-P121</b>
		Push-in Ø 4 mm - Swivel	7	<b>PVA-P122</b>
		Threaded M5	4	<b>PVA-P125</b>
	Pack of 50 O-ring seals		7	<b>PPR-V25</b>

### Solenoids Pilot 22 x 30 - DIN form B - 6 W / 5,8 VA

Without manual override

	Description	Voltage	Weight (g)	Order code
	Solenoid valve 22 x 30 mm Without cable connector	12 VDC	90	<b>PVA-F292J</b>
		24 VDC	90	<b>PVA-F292B</b>
		48 VDC	90	<b>PVA-F292E</b>
		24 V 50/60Hz	90	<b>PVA-F291B</b>
		48 V 50/60Hz	90	<b>PVA-F291E</b>
		115 V 50Hz, 120 V 60Hz	90	<b>PVA-F291F</b>
		230 V 50Hz, 240 V 60Hz	90	<b>PVA-F291M</b>

### Electrical connector 22 x 30 mm

	Description	Electrical protection	Weight (g)	Order code
	Connector to be wired	No protection	25	<b>PES-A10</b>
		LED + Protection 24 V AC/DC	26	<b>PES-A2020B</b>
		LED + Protection 230 V AC	26	<b>PES-A2001M</b>
	Connector with 2 m cable (earth terminal opposite cable)	No protection	150	<b>PES-A12</b>
		LED + Protection 24 V AC/DC	151	<b>PES-A2220B</b>

### Solenoids 22 x 30 - 6 W / 8,5 VA - Equipped with cable connector

(Without manual override)

	Description	Voltage	Cable length		
			Without cable Order code	2 meters Order code	5 meters Order code
	Solenoid valve 22 x 30 mm With cable connector	24 VDC	<b>PVA-F202B</b>	<b>PVA-F202B0</b>	<b>PVA-F202B1</b>
		48 VDC	<b>PVA-F202E</b>	<b>PVA-F202E0</b>	<b>PVA-F202E1</b>
		24 V 50/60Hz	<b>PVA-F201B</b>	<b>PVA-F201B0</b>	<b>PVA-F201B1</b>
		48 V 50/60Hz	<b>PVA-F201E</b>	<b>PVA-F201E0</b>	<b>PVA-F201E1</b>
		115 V 50Hz, 120 V 60Hz	<b>PVA-F201F</b>	<b>PVA-F201F0</b>	<b>PVA-F201F1</b>
		230 V 50Hz, 240 V 60Hz	<b>PVA-F201M</b>	<b>PVA-F201M0</b>	<b>PVA-F201M1</b>
		255 V 50Hz	<b>PVA-F201U</b>	<b>PVA-F201U0</b>	<b>PVA-F201U1</b>

**\* Version available for use in explosive atmospheres :**

- conforming to certification LCIE 866115 X.
- electrical equipment conforming to harmonised European standards
- marking code EExe II T4 (Consult Technical Sales Office).

EN 500 14 dated March 1977 (NFC23 514 dated May 1982)  
EN 500 19 dated March 1977 (NFC23 519 dated May 1982)