

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	PVL-B1719	
				PVL-C	G3/8	195	PVL-C1713
		Dual air supply head and tail set	PVL-B	G1/4	245	PVL-B1729	
				PVL-C	G3/8	285	PVL-C1723
	Surface	Single air supply head and tail set	PVL-B	G1/8	200	PVL-B1818	
				PVL-C	G1/4	225	PVL-C1819
		Dual air supply head and tail set	PVL-B	G1/8	260	PVL-B1828	
				PVL-C	G1/4	280	PVL-C1829
	On DIN rail	Intermediate supply module	PVL-B	G1/8	150	PVU-LBB118	
				PVL-C	G1/4	200	PVU-LCC119
	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	PVU-LCB119	


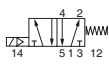
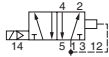

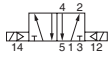
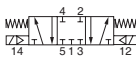

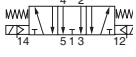
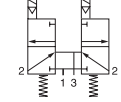
Spare mounting and assembly kits

	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	PVL-B1901
				65	PVL-C1901
	Pack of 10 common blanking	PVL-B		35	PVL-B1902
		PVL-C		65	PVL-C1902
	Pack of 10 stacking rods	PVL-B		35	PPR-V21
		PVL-C		65	PPR-V22
	Pack of 20 rail clip assembly	PVL-B / PVL-C		70	PPR-L09
	Pack of 30 O-ring seals for common inlet/exhaust ports	PVL-B		15	PPR-V23
		PVL-C		15	PPR-V24

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

Valve module without actuator


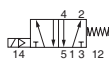
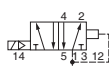
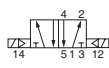
For use with air-pilot connector or 1,2 W / 1,6 VA solenoid valve

Symbol	Description	Valve size	Connection	Weight (g)	Order code
 	5/2 single acting / Spring return	PVL-B	Push-in Ø 6 mm	125	PVL-B121606
			G 1/8	125	PVL-B121618
	PVL-C	Push-in Ø 8 mm	240	PVL-C121608	
		G 1/4	240	PVL-C121619	
		G 3/8	240	PVL-C121613	
		5/2 single acting / Air spring return	PVL-B	Push-in Ø 6 mm	125
G 1/8				125	PVL-B123618
PVL-C		Push-in Ø 8 mm	240	PVL-C123608	
		G 1/4	240	PVL-C123619	
		G 3/8	240	PVL-C123613	
 		5/2 double acting	PVL-B	Push-in Ø 6 mm	120
	G 1/8			120	PVL-B122618
	PVL-C	Push-in Ø 8 mm	230	PVL-C122608	
		G 1/4	230	PVL-C122619	
		G 3/8	230	PVL-C122613	
		5/3 APB (All Ports Blocked)	PVL-B	Push-in Ø 6 mm	130
G 1/8				130	PVL-B127618
PVL-C		Push-in Ø 8 mm	250	PVL-C127608	
		G 1/4	250	PVL-C127619	
		G 3/8	250	PVL-C127613	
 		5/3 Vented centre	PVL-C	Push-in Ø 8 mm	250
	G 1/4			250	PVL-C128619
	Double 3/2 Normally Closed (NC)	PVL-B	Push-in Ø 6 mm	130	PVL-B125606
			G 1/8	130	PVL-B125618

PVL-C valve module for electric high power solenoid 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	PVL-C121408
			G 1/4	250	PVL-C121419
	5/2 single acting / Air spring return	PVL-C	Push-in Ø 8 mm	250	PVL-C123408
			G 1/4	250	PVL-C123419
	5/2 double acting	PVL-C	Push-in Ø 8 mm	240	PVL-C122408
			G 1/4	240	PVL-C122419

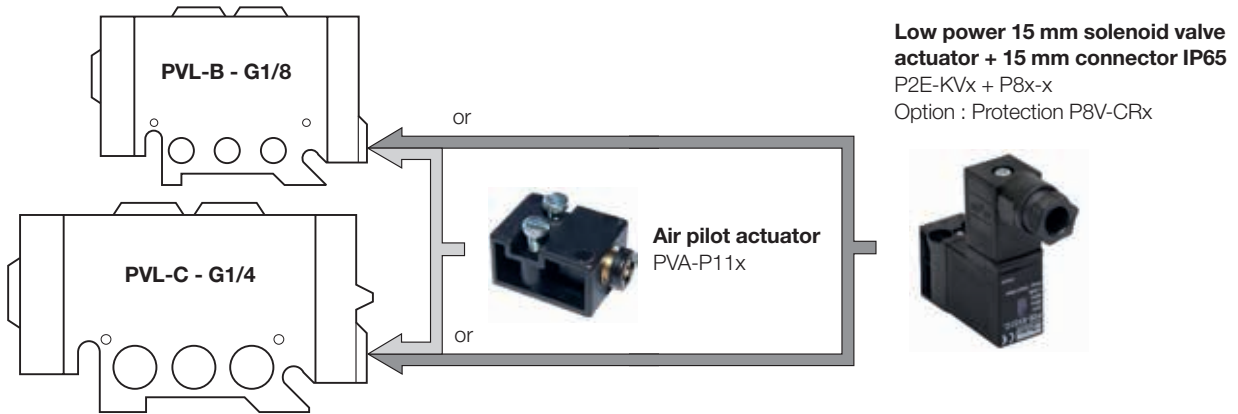
Each valve module is supplied with two tie rods for use in the "stacking" system.

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


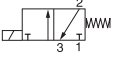
PVL-B & PVL-C valve module for air-pilot connector or lower power (1,2 W / 1,6 VA) solenoid valve






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	PVA-P111
	Threaded M5	2	PVA-P115

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

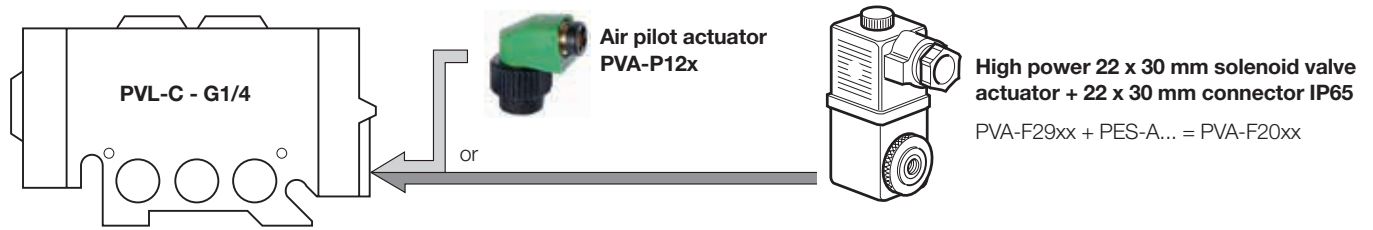
Description	Voltage	Weight (g)	Manual override		
			Without Order code	Spring return Order code	Indexing Order code
  Solenoid valve 15 mm	12 VDC	38	P2E-KV32B0	P2E-KV32B1	P2E-KV32B2
	24 VDC	38	P2E-KV32C0	P2E-KV32C1	P2E-KV32C2
	48 VDC	38	P2E-KV32D0	P2E-KV32D1	P2E-KV32D2
	24 V 50/60Hz	38	P2E-KV31C0	P2E-KV31C1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

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

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

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	PVA-P121
		Push-in Ø 4 mm - Swivel	7	PVA-P122
		Threaded M5	4	PVA-P125
	Pack of 50 O-ring seals		7	PPR-V25

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	PVA-F292J
		24 VDC	90	PVA-F292B
		48 VDC	90	PVA-F292E
		24 V 50/60Hz	90	PVA-F291B
		48 V 50/60Hz	90	PVA-F291E
		115 V 50Hz, 120 V 60Hz	90	PVA-F291F
		230 V 50Hz, 240 V 60Hz	90	PVA-F291M

Electrical connector 22 x 30 mm

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

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	PVA-F202B	PVA-F202B0	PVA-F202B1
		48 VDC	PVA-F202E	PVA-F202E0	PVA-F202E1
		24 V 50/60Hz	PVA-F201B	PVA-F201B0	PVA-F201B1
		48 V 50/60Hz	PVA-F201E	PVA-F201E0	PVA-F201E1
		115 V 50Hz, 120 V 60Hz	PVA-F201F	PVA-F201F0	PVA-F201F1
		230 V 50Hz, 240 V 60Hz	PVA-F201M	PVA-F201M0	PVA-F201M1
		255 V 50Hz	PVA-F201U	PVA-F201U0	PVA-F201U1

*** 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)