

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

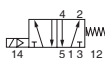
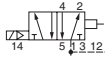
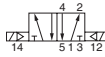
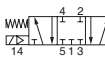
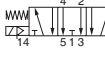
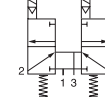
Spare mounting and assembly kits

	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	PVL-B123606
			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	PVL-B122606
			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	PVL-B127606
			G 1/8	130	PVL-B127618
		PVL-C	Push-in Ø 8 mm	250	PVL-C127608
			G 1/4	250	PVL-C127619
 	5/3 Vented centre	PVL-C	Push-in Ø 8 mm	250	PVL-C128608
			G 1/4	250	PVL-C128619
		PVL-B	Push-in Ø 6 mm	130	PVL-B125606
			G 1/8	130	PVL-B125618
	Double 3/2 Normally Closed (NC)	PVL-B	Push-in Ø 6 mm	130	PVL-B125606
			G 1/8	130	PVL-B125618
		PVL-C	Push-in Ø 8 mm	250	PVL-C125608
			G 1/4	250	PVL-C125619

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
		PVL-C	Push-in Ø 8 mm	250	PVL-C123408
			G 1/4	250	PVL-C123419
	5/2 single acting / Air spring return	PVL-C	Push-in Ø 8 mm	250	PVL-C123408
			G 1/4	250	PVL-C123419
		PVL-C	Push-in Ø 8 mm	240	PVL-C122408
			G 1/4	240	PVL-C122419
	5/2 double acting	PVL-C	Push-in Ø 8 mm	240	PVL-C122408
			G 1/4	240	PVL-C122419
		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.

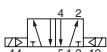
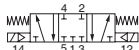
The above valve operator can be either :

- 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).

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-B111606
			G 1/8	125	PVL-B111618
		PVL-C	Push-in Ø 8 mm	240	PVL-C111608
			G 1/4	240	PVL-C111619
			G 3/8	240	PVL-C111613
	5/2 single acting / Air spring return	PVL-B	Push-in Ø 6 mm	125	PVL-B113606
			G 1/8	125	PVL-B113618
		PVL-C	Push-in Ø 8 mm	240	PVL-C113608
			G 1/4	240	PVL-C113619
			G 3/8	240	PVL-C113613
 	5/2 double acting	PVL-B	Push-in Ø 6 mm	120	PVL-B112606
			G 1/8	120	PVL-B112618
		PVL-C	Push-in Ø 8 mm	230	PVL-C112608
			G 1/4	230	PVL-C112619
			G 3/8	230	PVL-C112613
	5/3 APB (All Ports Blocked)	PVL-B	Push-in Ø 6 mm	130	PVL-B117606
			G 1/8	130	PVL-B117618
		PVL-C	Push-in Ø 8 mm	250	PVL-C117608
			G 1/4	250	PVL-C117619
 	5/3 Vented centre	PVL-C	Push-in Ø 8 mm	250	PVL-C118608
			G 1/4	250	PVL-C118619
	Double 3/2 Normally Closed (NC)	PVL-B	Push-in Ø 6 mm	130	PVL-B115606
			G 1/8	130	PVL-B115618

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

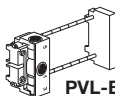
Symbol	Description	Valve size	Connection	Weight (g)	Order code
 	5/2 single acting / Spring return	PVL-C	Push-in Ø 8 mm	250	PVL-C111408
			G 1/4	250	PVL-C111419
	5/2 single acting / Air spring return	PVL-C	Push-in Ø 8 mm	250	PVL-C113408
			G 1/4	250	PVL-C113419
	5/2 double acting	PVL-C	Push-in Ø 8 mm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

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).

Pneumatic head and tail sets

	Description	External pilot	Mounting	Pneu.Connect.	Valve size	Weight (g)	Order code
 PVL-B1719	Single air supply	Without PX*	On DIN rail	G1/4	PVL-B10	175	PVL-B1719
			surface	G1/8	PVL-B10	200	PVL-B1818
	Dual air supply	Without PX*	On DIN rail	G1/4	PVL-B10	245	PVL-B1729
			surface	G1/8	PVL-B10	260	PVL-B1828

PVL-B1729

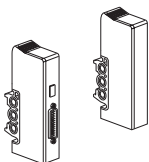
Ex = to collect the exhausts of the solenoids

* Px = auxilliary air supply for solenoids, separately from the main valves air supply

** To be mounted at the end of the valve island for dual air supply (without electrical connections)

*** For dual air supply or different supplies, with no defined location in the valves island (with connections fitted)

PVL-B10 electric head and tail sets

	Description	Valve configuration	Type of connector	Weight (g)	Order code
 PVL-B191125	Head and tail sets	Monostable	Sub-D25	220	PVL-B191125
			Cylindrical 19-pins	250	PVL-B191219
	Head and tail sets	Bistable	Sub-D25	220	PVL-B192125
	Head and tail sets	Bistable then monostable	Sub-D25	370	PVL-B194125
		Monostable then bistable	Sub-D25	320	PVL-B193125
	Transferring module	From bistable to monostable	Cylindrical 19-pins	350	PVL-B193219
		From monostable to bistable		220	PVL-B1940
				240	PVL-B1930

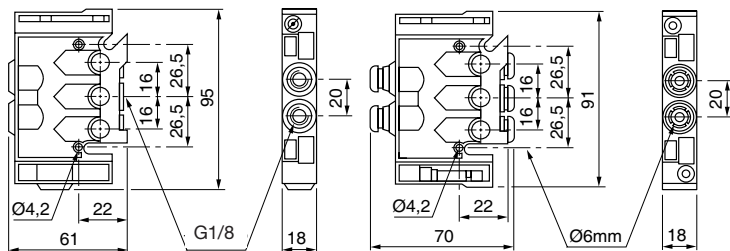
Spare mounting and assembly kits

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

Stand-alone power valves 1/8" without piloting accessories

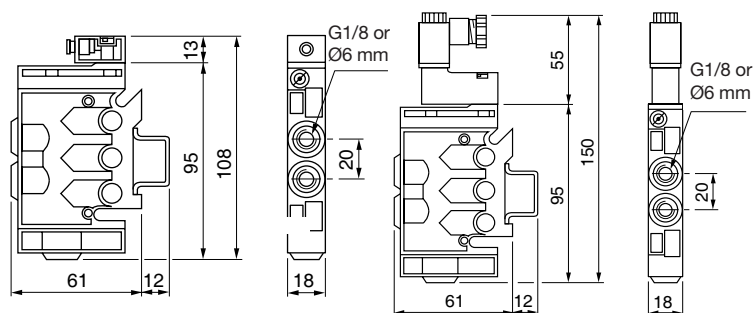
Monostable PVL-B1116••, PVL-B1136••

Bistable PVL-B1126••

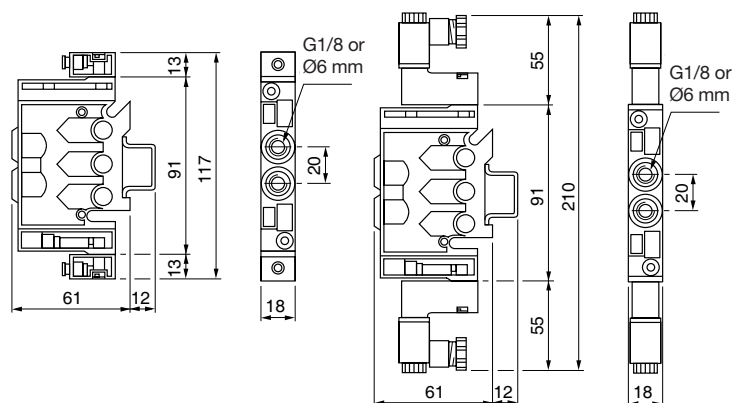


Stacking power valves 1/8" with pneumatic or electrical piloting

Monostable PVL-B1216••, PVL-B1236••



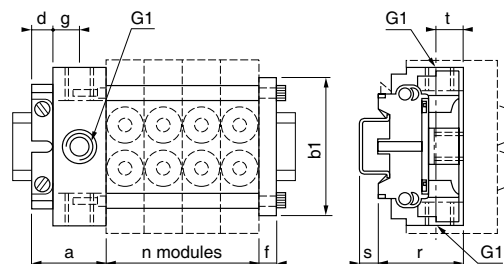
Bistable PVL-B1226••



Head and tail sets

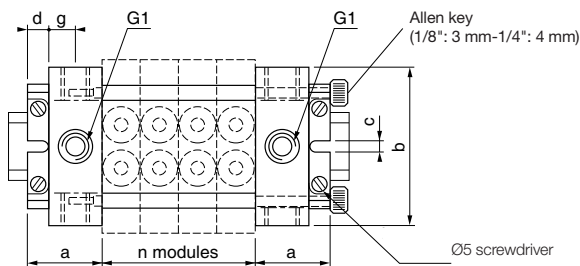
Single air supply

PVL-B1719, PVL-C1713, mounting on DIN rail



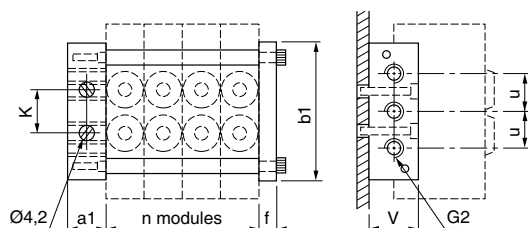
Dual air supply

PVL-B1729, PVL-C1723, mounting on DIN rail



Single air supply

PVL-B1818, PVL-C1819, "stack mounting"

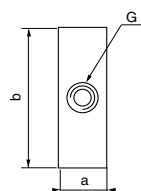
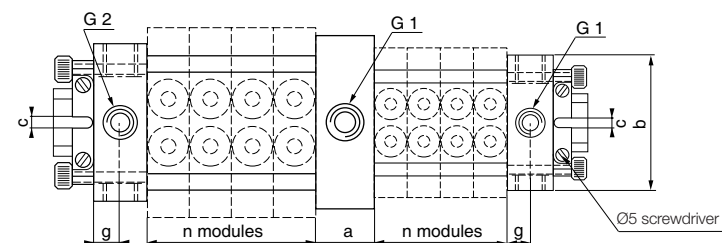


	a	a1	b	b1	c	d	f	g	G1	G2	k	r	s	t	u	v
1/8"	38	16	83	70	4,2	10	8	12	1/4"	1/8"	17,3	44	9	11	16	25
1/4"	38	20	108	100	4,2	10	8	12	3/8"	1/4"	63,5	55	9	13	20	30

"Transfer / take-off" module, intermediate supply module

For combination of sizes 1/4" - 1/8" - PVU-LCB119

PVUL-BB118 - PVU-LCC119



	a	b	G
1/8"	18	75	1/8"
1/4"	25	100	1/4"