

Stacking high flow valves with air pilot or solenoid actuation. Lightweight 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



**For ATEX specific products
contact Sales Office**

Operating information

Working pressure;
 Pneumatically operated: 2-10 bar
 Electrically operated, bistable: 2-10 bar
 Electrically operated, monostable: 3-10 bar
 Working temperature -15 °C to +60 °C

	PVL-B	PVL-C
Flow (Qmax):	900 l/min	1800 l/min
Flow Qn:	540 l/min	1100 l/min

Flow measured with valve stacked in island.

Electrically/Pneumatically actuated 5/2 valves size G1/8*

Symbol	Connect	Order code
	Ø6 mm G1/8	PVL-B122606 PVL-B122618
	Ø6 mm G1/8	PVL-B121606 PVL-B121618

Electrically/Pneumatically actuated 5/3 valves size G1/8*

Symbol	Connect	Order code
	Ø6 mm G1/8	PVL-B127606 PVL-B127618
	Ø6 mm G1/8	PVL-B128606 PVL-B128618

Electrically/Pneumatically actuated 5/2 valves size G1/4*

Symbol	Connect	Order code
	Ø8 mm G1/4	PVL-C122608 PVL-C122619
	Ø8 mm G1/4	PVL-C121608 PVL-C121619

* For solenoids and pilot connectors, see next page

Electrically/Pneumatically actuated 5/3 valves size G1/4*

Symbol	Connect	Order code
	Ø8 mm G1/4	PVL-C127608 PVL-C127619
	Ø8 mm G1/4	PVL-C128608 PVL-C128619

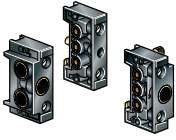

* For solenoids and pilot connectors, see next page

Electrically/Pneumatically actuated 2 x 3/2 valves

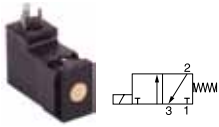
Symbol	Connect	Order code
	Ø6 mm	PVL-B125606

Head and tail sets




For stacking power valves 5/2, sizes M5, G1/8 and G1/4

	Type of mounting	Description	Valve size	Port size	Order code
	DIN rail mounting	Single air supply head and tail set	1/8" 1/4"	G1/4 G3/8	PVL-B1719 PVL-C1713
		Dual air supply head and tail set	1/8" 1/4"	G1/4 G3/8	PVL-B1729 PVL-C1723
	Surface mounting	Single air supply head and tail set	1/8" 1/4"	G1/8 G1/4	PVL-B1818 PVL-C1819
		Double air supply head and tail set	1/8" 1/4"	G1/8 G1/4	PVL-B1828 PVL-C1829

Solenoids 15mm NC Standard flow DIN 1.2W/1.6VA


	Voltage	Order code Override flush non locking	Order code Override flush locking
	24 VDC	P2E-KV32C1	P2E-KV32C2
	48 VDC	P2E-KV32D1	
	24 VAC 50Hz	P2E-KV31C1	P2E-KV31C2
	48 VAC 50/60Hz	P2E-KV34D1	P2E-KV34D2
	115 VAC 50Hz/ 120 VAC 60Hz	P2E-KV31F1	P2E-KV31F2
	230 VAC 50Hz/ 240 VAC 60Hz	P2E-KV31J1	P2E-KV31J2

Cable plugs 15 mm (8 mm pin spacing) IP 65


	Description	Order code
	Large headed screw for inaccessible or recess position	
	Standard to be wired universal To be wired LED+protection 24 VDC	P8C-C P8C-C26C
	With standard screw	
	Standard to be wired universal To be wired LED+protection 24 VDC	P8C-D P8C-D26C
	With cable and standard screw	
	Standard with 2 m cable	P8L-C2
	Standard with 5 m cable	P8L-C5
	LED+protection 24 VAC/DC, 2 m	P8L-C226C
LED+protection 24 VAC/DC, 5 m	P8L-C526C	

Suppressor and LED indicators

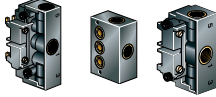

For mounting between the solenoid valve and the cable plug.

Symbol	Description	Voltage	Order code
	LED Indicator	24 V AC/DC	P8V-CR26C
		48 V AC/DC	P8V-CR26D
		115 V 50 Hz 120 V 60 Hz	P8V-CR24F
		230 V~50 Hz 240 V~60 Hz	P8V-CR24J

Air Pilot Connectors for PVL - B and C

Mounting	Type of connection	Order code
 Mounts on the same interface as the 1 W / 1,2 VA solenoid actuator	Push-in Ø4 mm Threaded M5	PVA-P111 PVA-P115

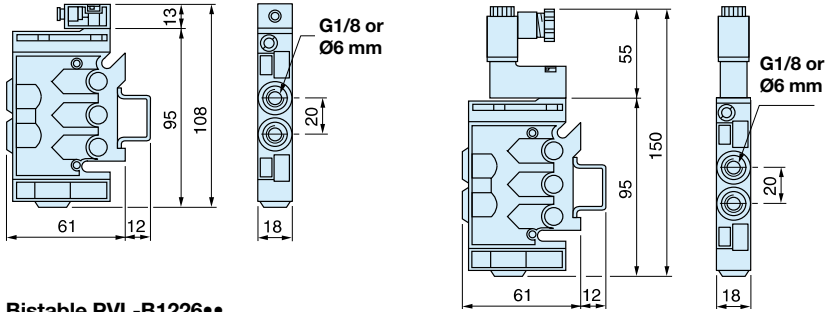
Components for stacking two sizes of valve

	Type of mounting	Description	Valve size	Order code
Components for stacking 2 sizes: "transfer/take-off" module and corresponding head and tail set 	DIN rail	Kit for stacking power valves : - one "transfer/take-off" module - Head and tail set with one in each size.	1/8" and 1/4"	PVU-LCB119
Components for inlet/exhaust common gallery sealing 		Kit for sealing the commons: - 3 common blanking plugs - 2 drilled and threaded rods - 2 screws for extended tie rods	1/8" 1/4"	PVL-B1901 PVL-C1901

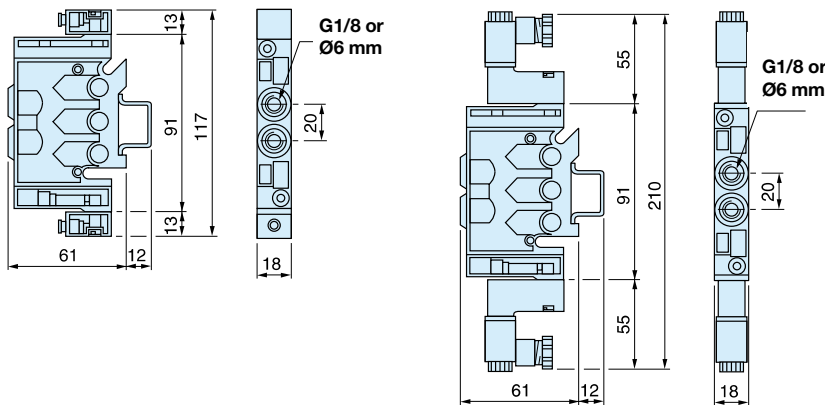
Dimensions, PVL valve Series

All dimensions in mm unless otherwise stated

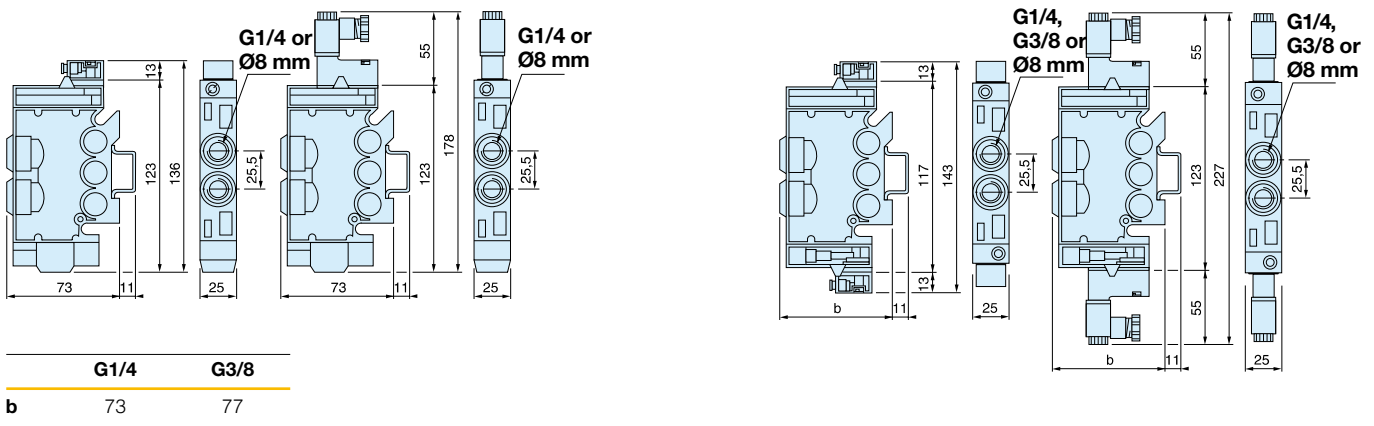
Stacking power valves 1/8" with pneumatic or electrical piloting
Monostable PVL-B1216••, PVL-B1236••



Bistable PVL-B1226••



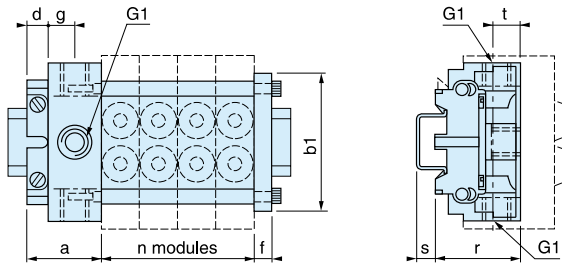
Stacking power valves 1/4" with pneumatic or electrical control
With 1 W solenoid actuator and suitable pneumatic connector
Monostable PVL-C1216••, PVL-C1236••



Head and tail sets

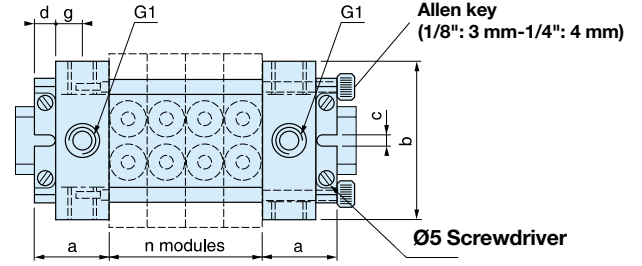
Single air supply

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



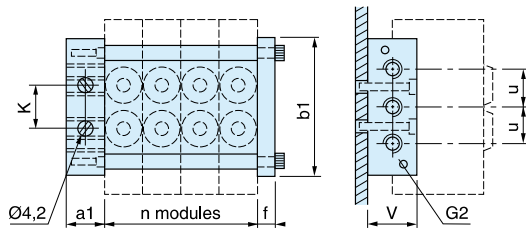
Dual air supply

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



Single air supply

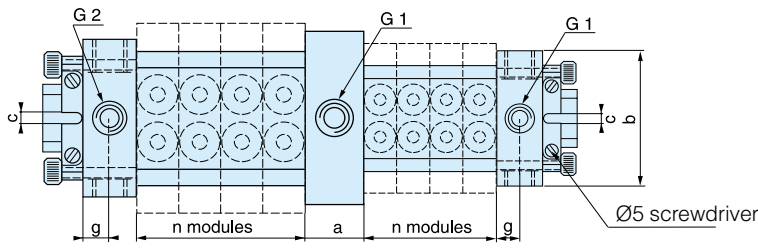
PVL-B1818, PVL-C1819, "stack mounting"



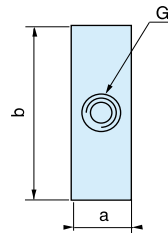
	a	a1	b	b1	c	d	f	g	G1	G2	k	r	s	t	u	v
1/8"	38	16	83	70	4,2	10	8	12	1/4"	1/8"	17,3	44	9	11	16	25
1/4"	38	20	108	100	4,2	10	8	12	3/8"	1/4"	63,5	55	9	13	20	30

"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