

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



PVL-B  
PVL-C  
Versions

## Operating information

Working pressure:			<b>PVL-A</b>	<b>PVL-B</b>	<b>PVL-C</b>
Pneumatically operated:	2-10 bar	Flow (Qmax):	270l/min	900 l/min	1800 l/min
Electrically operated, bistable:	2-10 bar				
Electrically operated, monostable:	3-10 bar				
Working temperature	-15 °C to +60 °C	Flow measured with valve stacked in island.			

### Pneumatically actuated 5/2 valves

Symbol	Connect	Order code
	Ø4 mm M5	<b>PVL-A122104</b> <b>PVL-A122115</b>
	Ø4 mm M5	<b>PVL-A121104</b> <b>PVL-A121115</b>

### Electrically actuated 5/2 valves

Complete with 24V DC miniature solenoid and connector with 2m cable.

Symbol	Connect	Order code
	Ø4 mm M5	<b>PVL-A122304B40</b> <b>PVL-A122315B40</b>
	Ø4 mm M5	<b>PVL-A121304B50</b> <b>PVL-A121315B50</b>

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

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

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

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

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

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

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

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

\* For solenoids and pilot connectors, see opposite page.

## 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	M5 1/8" 1/4"	G1/8 G1/4 G3/8	<b>PVL-A1718</b> <b>PVL-B1719</b> <b>PVL-C1713</b>
		Dual air supply head and tail set	M5 1/8" 1/4"	G1/4 G1/4 G3/8	<b>PVL-A1728</b> <b>PVL-B1729</b> <b>PVL-C1723</b>
		Surface mounting	Single air supply head and tail set	1/8" 1/4"	G1/8 G1/4
	Double air supply head and tail set	1/8" 1/4"	G1/8 G1/4	<b>PVL-B1828</b> <b>PVL-C1829</b>	

## Wiring and connecting accessories for PVL-A

	Order code
Connector only (sold in pack of 10 pcs)	<b>PES-D10</b>
Connector with 5 m cable	<b>PES-D101</b>

	Order code
Terminal to be crimped (sold in pack of 10 pcs)	<b>SY3CM0142</b>

## Solenoids 15 mm 1,2 W / 1,6 VA for PVL-B & PVL-C (9,4 mm pin spacing),

Without manual override

Without cable connector



Voltage	Order code
24 VDC	<b>PS1-E2492B</b>
48 VDC	<b>PS1-E2492E</b>
24 V 50/60Hz	<b>PS1-E2491B</b>
48 V 50/60Hz	<b>PS1-E2491E</b>
115 V 50Hz, 120 V 60Hz	<b>PS1-E2491F</b>
230 V 50Hz, 240 V 60Hz	<b>PS1-E2491M</b>

With unwired 15 mm cable connector



Voltage	Order code
24 VDC	<b>PVA-H2492B</b>
48 VDC	<b>PVA-H2492E</b>
24 V 50/60Hz	<b>PVA-H2491B</b>
48 V 50/60Hz	<b>PVA-H2491E</b>
115 V 50Hz, 120 V 60Hz	<b>PVA-H2491F</b>
230 V 50Hz, 240 V 60Hz	<b>PVA-H2491M</b>

Electrical connector 15x15mm (9,4 mm pin spacing)	Order code
Connector to be wired (universal)	<b>PES-C10</b>
Connector to be wired with LED + Protection 24 V DC/AC	<b>PES-C2020B</b>

With prewired 15mm cable connector, cable length L = 2m



Voltage	Order code
24 VDC	<b>PVA-H2492B0</b>
48 VDC	<b>PVA-H2492E0</b>
24 V 50/60Hz	<b>PVA-H2491B0</b>
48 V 50/60Hz	<b>PVA-H2491E0</b>
115 V 50Hz, 120 V 60Hz	<b>PVA-H2491F0</b>
230 V 50Hz, 240 V 60Hz	<b>PVA-H2491M0</b>

## 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	<b>PS1-E1620B</b>
		48 V AC/DC	<b>PS1-E1620E</b>
		115 V 50 Hz 120 V 60 Hz	<b>PS1-E1511F</b>
		230 V 50 Hz 240 V 60 Hz	<b>PS1-E1511M</b>
	Electrical connector 15x15mm (9,4 mm pin spacing)		<b>Order code</b>
	Connector with 2 m cable (earth terminal opposite cable)		<b>PES-C12</b>
	Connector with 2 m cable with LED + Protection (earth terminal opposite cable) 24 V DC/AC		<b>PES-C2220B</b>

## 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	<b>PVA-P111</b> <b>PVA-P115</b>

## Components for stacking two sizes of power 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.	M5 and 1/8"  1/8" and 1/4"	<b>PVU-LBA118</b>  <b>PVU-LCB119</b>
Components for intermediate supply	DIN rail	Intermediate supply module	1/8" 1/4"	<b>PVU-LBB118</b> <b>PVU-LCC119</b>
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	M5 1/8" 1/4"	<b>PVL-A1901</b> <b>PVL-B1901</b> <b>PVL-C1901</b>