PVL-B & PVL-C
Inline valves

Stackable, Stand-alone and Valvetronic

Parker

ENGINEERING **YOUR** SUCCESS.

PVL-B size
18 mm width

PVL -B12 / -C12

PVL -B11 / -C11

PVL -B10

PVL-C size
25 mm width

Traditional wiring Stackable Series

The PVL Series stacking system permits assembly of several valves into one stack. Supply is connected at either a single or a dual head/tail set. Two common exhaust galleries are provided. Connections to outlet ports 2 and 4 on each valve can be accomplished by threaded pipe or instant tube fittings. Electrical connection is made to each solenoid using a 15 mm - 3 pin - 8 mm spacing connector plug. Each stack assembly can handle any combination of the following valve types :

- Single or double solenoid
- Single or double Remote air Pilot

Both PVL-B & PVL-C valve sizes can be combined in one stack using a transition kit.

Traditional wiring Stand- alone Series

Very useful to control isolated cylinders, these stand-alone valve Series are compact and easy to mount on the machines close to the actuator with neat electrical or remote pneumatic pilot. Available with solenoid pilots traditional wiring or remote air pilot, these Series can also be stacked and mixed into a stacking valve island Series.
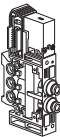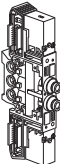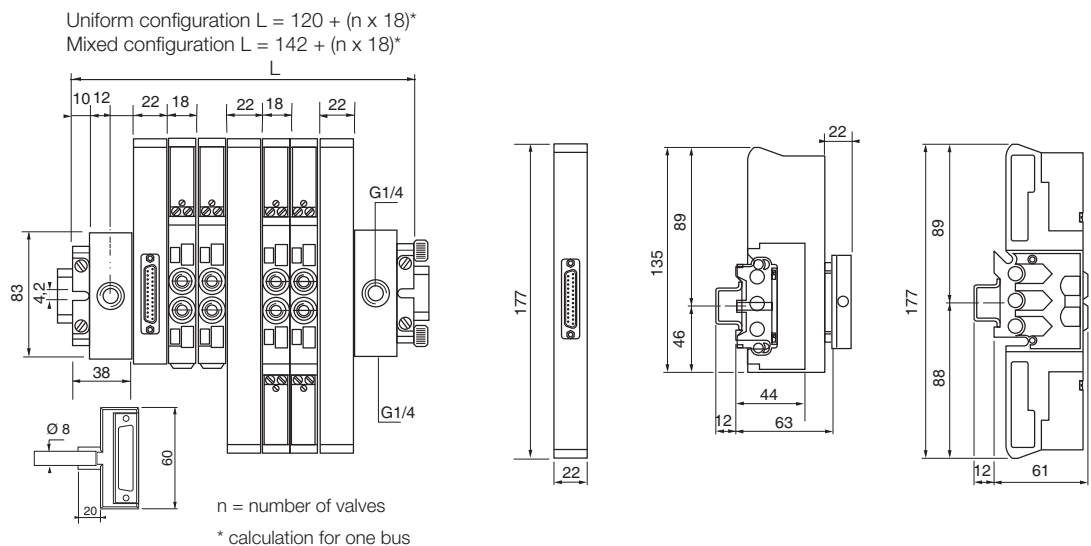
Valvetronic Stackable Series

Including an integrated electrical connection, the Valvetronic Series allowed a multi-wiring connection. The construction of the stack determines the relationship of each connector pin and the device is to control. The address of each solenoid valve is based on its physical position in the stack. Each stack assembly can handlle any combination of pneumatic functions.

PVL-B10 valve module without solenoid pilot

	Symbol	Description	Valve size	Connection	Weight (g)	Electronic circuit board voltage For DC solenoid Order code	For AC solenoid Order code
PVL-B10 single solenoid		Double 3/2 NC (2)	PVL-B10	Ø 6 mm	150	**PVL-B105606W2**	**PVL-B105606W1**
				G1/8	150	**PVL-B105618W2**	**PVL-B105618W1**
		5/2 single solenoid Spring return (2)	PVL-B10	Ø 6 mm	125	**PVL-B101606W2**	**PVL-B101606W1**
				G1/8	125	**PVL-B101618W2**	**PVL-B101618W1**
PVL-B10 double solenoids		5/2 single solenoid Internal air return (2)	PVL-B10	Ø 6 mm	125	**PVL-B103606W2**	**PVL-B103606W1**
				G1/8	125	**PVL-B103618W2**	**PVL-B103618W1**
		5/2 double solenoid (1)	PVL-B10	Ø 6 mm	150	**PVL-B102606W2**	**PVL-B102606W1**
				G1/8	150	**PVL-B102618W2**	**PVL-B102618W1**
		5/3 all ports blocked (1)	PVL-B10	Ø 6 mm	150	**PVL-B107606W2**	**PVL-B107606W1**
				G1/8	150	**PVL-B107618W2**	**PVL-B107618W1**
		5/3 pressurized center (1)	PVL-B10	Ø 6 mm	150	**PVL-B109606W2**	**PVL-B109606W1**
				G1/8	150	**PVL-B109618W2**	**PVL-B109618W1**

Dimensions, Valvetronic PVL-B10

Uniform configuration L = 120 + (n x 18)*
Mixed configuration L = 142 + (n x 18)*

n = number of valves

* calculation for one bus

Connector 19 pins   a = 90   b = 31

Cable 19 pins   a = 60   b = 31   Øc = 12