



Externally drained, pilot-operated pressure reducing/relieving valves reduce a high primary pressure at the inlet (port 2) to a constant reduced pressure at port 1, with a full-flow relief function from port 1 to tank (port 3). Draining the pilot section at port 4 makes these valves insensitive to pressure at tank (port 3) and provides a means for remote control by pilot or 2-way valves.

**TECHNICAL DATA**

NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

Factory Pressure Settings Established at	blocked control port (dead headed)
Maximum Operating Pressure	350 bar
Control Pilot Flow	0,11 - 0,16 L/min.
Adjustment - No. of CW Turns from Min. to Max. setting	5
Locknut Hex Size	15 mm
Locknut Torque	9 - 10 Nm
Seal kit - Cartridge	Buna: 990021007
Seal kit - Cartridge	EPDM: 990021014
Seal kit - Cartridge	Polyurethane: 990021002
Seal kit - Cartridge	Viton: 990021006

**NOTES** Maximum pressure differentials for spring ranges: A and B are 3000 psi (210 bar) D and E are 2000 psi (140 bar) W is 5000 psi (350 bar) inlet pressure

**CONFIGURATION OPTIONS**
**Model Code Example: PVDALAN**

CONTROL	(L)	ADJUSTMENT RANGE	(A)	SEAL MATERIAL	(N)	MATERIAL/COATING
<b>L</b> Standard Screw Adjustment		<b>A</b> 100 - 3000 psi (7 - 210 bar), 200 psi (14 bar) Standard Setting		<b>N</b> Buna-N		Standard Material/Coating
<b>C</b> Tamper Resistant - Factory Set		<b>B</b> 50 - 1500 psi (3,5 - 105 bar), 200 psi (14 bar) Standard Setting		<b>V</b> Viton		<b>JAP</b> Stainless Steel, Passivated
<b>K</b> Handknob		<b>D</b> 25 - 800 psi (1,7 - 55 bar), 200 psi (14 bar) Standard Setting				<b>LH</b> Mild Steel, Zinc-Nickel
<b>Y</b> Tri-Grip Handknob		<b>E</b> 25 - 400 psi (1,7 - 28 bar), 200 psi (14 bar) Standard Setting				
		<b>W</b> 150 - 4500 psi (10,5 - 315 bar), 200 psi (14 bar) Standard Setting				