



Ventable, pilot-operated pressure reducing/relieving valves reduce a high primary pressure at the inlet to a constant reduced pressure at port 1, with a full-flow relief function from port 1 to tank (port 3). The vent port (port 4) can be used as 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                                     | 0,25 - 0,33 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: 990024007                    |
| Seal kit - Cartridge                                   | Polyurethane: 990024002            |
| Seal kit - Cartridge                                   | Viton: 990024006                   |

**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: PVJBLAN**

| 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    | /AP Stainless Steel, Passivated |
| <b>K</b> Handknob                       | <b>D</b> 25 - 800 psi (1,7 - 55 bar), 200 psi (14 bar) Standard Setting     |                   | /LH Mild Steel, Zinc-Nickel     |
|   | <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 |                   |                                 |