



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.

|  |                                    |
|--|------------------------------------|
| Maximum Operating Pressure                             | 5000 psi                           |
| Control Pilot Flow                                     | 10 - 15 in <sup>3</sup> /min.      |
| Factory Pressure Settings Established at               | blocked control port (dead headed) |
| Adjustment - No. of CW Turns from Min. to Max. setting | 5                                  |
| Locknut Hex Size                                       | 9/16 in.                           |
| Locknut Torque   | 80 - 90 lbf in.                    |
| Seal kit - Cartridge                                   | Buna: 990-022-007                  |
| Seal kit - Cartridge                                   | Polyurethane: 990-022-002          |
| Seal kit - Cartridge                                   | Viton: 990-022-006                 |

**CONFIGURATION OPTIONS**

**Model Code Example: PVFDLANV**

| CONTROL                          | (L) | ADJUSTMENT RANGE  | (A) | SEAL MATERIAL   | (N) | MATERIAL/COATING                       |
|----------------------------------|-----|---|-----|-----------------|-----|--|
| L 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              |
| C 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>IAP</b> Stainless Steel, Passivated |
|                                  |     | <b>D</b> 25 - 800 psi (1,7 - 55 bar), 200 psi (14 bar) Standard Setting     |     |                 |     |  |
|                                  |     | <b>E</b> 25 - 400 psi (1,7 - 28 bar), 200 psi (14 bar) Standard Setting     |     |                 |     |  |
|                                  |     | <b>H</b> 30 - 3000 psi (2 - 210 bar), 200 psi (14 bar) Standard Setting     |     |                 |     |  |
|                                  |     | <b>W</b> 150 - 4500 psi (10,5 - 315 bar), 200 psi (14 bar) Standard Setting |     |                 |     |  |