



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).

CONFIGURATION

| | | |
|--------------------------------|------------------|--|
| L | Control | Standard Screw Adjustment |
| W | Adjustment Range | 150 - 4500 psi (10,5 - 315 bar), 200 psi (14 bar) Standard Setting |
| N | Seal Material | Buna-N |
| (none) Material/Coating | | |

TECHNICAL DATA

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

| | |
|--|------------------------------------|
| Maximum Operating Pressure | 350 bar |
| Factory Pressure Settings Established at | blocked control port (dead headed) |
| 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: 990011007 |
| Seal kit - Cartridge | EPDM: 990011014 |
| Seal kit - Cartridge | Polyurethane: 990011002 |
| Seal kit - Cartridge | Viton: 990011006 |

- NOTES**
- Maximum pressure differentials for spring ranges: A and B are 3000 psi (210 bar) N and Q are 2000 psi (140 bar) W is 5000 psi (350 bar) inlet pressure
 - For Series 1 cartridges configured with an O control (panel mount handknob), a .75 in. (19 mm) diameter hole is required in the panel.

CONFIGURATION OPTIONS

Model Code Example: PPDBArray

| CONTROL | (L) ADJUSTMENT RANGE | (W) SEAL MATERIAL | (N) MATERIAL/COATING |
|---|---|-------------------|---------------------------------|
| L Standard Screw Adjustment | W 150 - 4500 psi (10,5 - 315 bar), 200 psi (14 bar) Standard Setting | N Buna-N | Standard Material/Coating |
| C Tamper Resistant - Factory Set | | V Viton | /AP Stainless Steel, Passivated |
| K Handknob | | | /LH Mild Steel, Zinc-Nickel |
| Y Tri-Grip Handknob | A 100 - 3000 psi (7 - 210 bar), 200 psi (14 bar) Standard Setting | | |
| | B 50 - 1500 psi (3,5 - 105 bar), 200 psi (14 bar) Standard Setting | | |
| | N 60 - 800 psi (4 - 55 bar), 200 psi (14 bar) Standard Setting | | |
| | Q 60 - 400 psi (4 - 28 bar), 200 psi (14 bar) Standard Setting | | |