



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).

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

Maximum Operating Pressure	5000 psi
Control Pilot Flow	7 - 10 in ³ /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: 990-011-007
Seal kit - Cartridge	Polyurethane: 990-011-002
Seal kit - Cartridge	Viton: 990-011-006

NOTES: • 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: **PPDFLANN**

CONTROL	(L)	ADJUSTMENT RANGE	(N)	SEAL MATERIAL	(N)
L Standard Screw Adjustment		N 60 - 800 psi (4 - 55 bar), 200 psi (14 bar) Standard Setting		N Buna-N	
C Tamper Resistant - Factory Set		A 100 - 3000 psi (7 - 210 bar), 200 psi (14 bar) Standard Setting		V Viton	
K Handknob		B 50 - 1500 psi (3,5 - 105 bar), 200 psi (14 bar) Standard Setting			
Y Tri-Grip Handknob		C 150 - 6000 psi (10,5 - 420 bar), 200 psi (14 bar) Standard Setting			
		D 25 - 800 psi (1,7 - 55 bar), 200 psi (14 bar) Standard Setting			
		E 25 - 400 psi (1,7 - 28 bar), 200 psi (14 bar) Standard Setting			
		Q 60 - 400 psi (4 - 28 bar), 200 psi (14 bar) Standard Setting			
		W 150 - 4500 psi (10,5 - 315 bar), 200 psi (14 bar) Standard Setting			