



This electro-proportional, direct-acting reducer/reliever valve reduces 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). The valve is biased to the reducing mode, connecting port 2 to port 1 at a customer specified pressure setting. Increasing the current to the coil will proportionally decrease the reduced pressure at port 1. If pressure at port 1 exceeds the setting induced by the coil, pressure at port 1 is relieved to port 3. This valve is closed in the transition between reducing and relieving resulting in very low consumption of oil.

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

Maximum Operating Pressure	5000 psi
Maximum Valve Leakage at 110 SUS (24 cSt)	2.5 in ³ /min.
Seal kit - Cartridge	Buna: 990-511-007
Seal kit - Cartridge	Viton: 990-511-006

CONFIGURATION OPTIONS

Model Code Example: PRDNXDN

CONTROL	(X)	ADJUSTMENT RANGE	(D)	SEAL MATERIAL	(N)	COIL *
X No Manual Override		D 400 - 200 psi (14 - 28 bar)		N Buna-N		No coil
		B 1000 - 400 psi (28 - 70 bar)		V Viton		* Additional coil options are available
		E 200 - 100 psi (7 - 14 bar)				