



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	350 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	41 cc/min.
Seal kit - Cartridge	Buna: 990511007
Seal kit - Cartridge	Viton: 990511006

### CONFIGURATION OPTIONS

Model Code Example: **PRDNXDN**

CONTROL	(X)	ADJUSTMENT RANGE	(D)	SEAL MATERIAL	(N)	COIL *
<b>X</b> No Manual Override		<b>D</b> 400 - 200 psi (14 - 28 bar) <b>B</b> 1000 - 400 psi (28 - 70 bar) <b>E</b> 200 - 100 psi (7 - 14 bar)		<b>N</b> Buna-N <b>V</b> Viton		No coil <b>212</b> DIN 43650-Form A, 12 VDC <b>224</b> DIN 43650-Form A, 24 VDC <b>912</b> Deutsch DT04-2P, 12 VDC <b>924</b> Deutsch DT04-2P, 24 VDC

\* Additional coil options are available