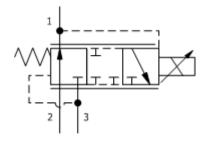


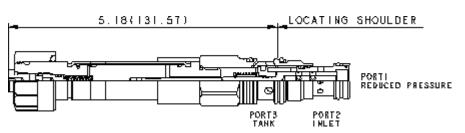
(X)

Electro-proportional, direct-acting, pressure reducing/relieving valve, high pressure setting with no command CAPACITY: 5 gpm / CAVITY: T-11A



sunhydraulics.com/model/PRDN





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 in³/min.
Seal kit - Cartridge	Buna: 990-511-007
Seal kit - Cartridge	Viton: 990-511-006

## CONFIGURATION OPTIONS

CONTROL

X No Manual Override

- Model Code Example: PRDNXDN

   ADJUSTMENT RANGE
   (D)
- **D** 400 200 psi (14 28 bar)
- **B** 1000 400 psi (28 70 bar)
- E 200 100 psi (7 14 bar)

Ν	Buna-N

SEAL MATERIAL

(N) COIL \*

No coil

V Viton

Additional coil options are available