

MODEL **PRDM**

(X)

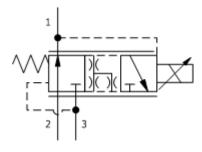
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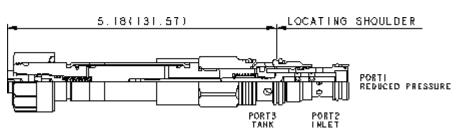
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Electro-proportional, direct-acting, pressure reducing/relieving valve with open transition - high pressure setting with no command CAPACITY: 5 gpm / CAVITY: T-11A



sunhydraulics.com/model/PRDM





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 open in the transition from reducing to relieving. It provides good pressure control and dynamic response.

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

Maximum Operating Pressure	5000 psi
Maximum Valve Leakage at 110 SUS (24 cSt)	20 in³/min.
Seal kit - Cartridge	Buna: 990-511-007
Seal kit - Cartridge	Viton: 990-511-006

CONFIGURATION OPTIONS

CONTROL

No Manual Override Х

Model Code Example: PRDMXDN ADJUSTMENT RANGE (D)

SEAL MATERIAL

N Buna-N

COIL * (N)

- D 400 200 psi (14 28 bar)
- 1000 400 psi (28 70 bar) В 200 - 100 psi (7 - 14 bar)

100 - 10 psi (0,7 - 7 bar)

Viton V

No coil

Additional coil options are available