



This 2-port, pilot-operated relief cartridge is an electro-proportionally controlled, normally-closed pressure regulating valve. The valve is spring biased closed to its highest setting (customer specified). Increasing current to the coil will proportionally decrease the pressure setting. When the pressure at port 1 (inlet) is sufficient to overcome the spring force minus the solenoid force, as determined by the analog input signal, the poppet lifts and allows flow from port 1 to port 2 (outlet).

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

Maximum Operating Pressure	5000 psi
Factory Pressure Settings Established at	4 gpm
Maximum Valve Leakage at 110 SUS (24 cSt)	2 in ³ /min.@1000 psi
Locknut Hex Size	7/16 in.
Locknut Torque	45 - 55 lbf in.
Seal kit - Cartridge	Buna: 990-010-007
Seal kit - Cartridge	Viton: 990-010-006
U.S. Patent #	10,775,812

- NOTES:**
- Please verify cartridge clearance requirements when choosing a Sun manifold. Different valve controls and coils require different clearances.
 - An additional 2.00 inches (50,8 mm) beyond the valve extension is needed for coil installation and removal.

CONFIGURATION OPTIONS

Model Code Example: RPEILN

CONTROL

- L** Standard Screw Adjustment
- C** Concealed Manual Override

(L) SEAL MATERIAL

- N** Buna-N
- V** Viton

(N) COIL *

No coil

* Additional coil options are available