


sunhydraulics.com/model/RPEI

CONFIGURATION

L	Control	Standard Screw Adjustment
W	Adjustment Range	3000 - 5000 psi (210 - 350 bar), 5000 psi (350 bar) Standard Setting
N	Seal Material	Buna-N
(none)	Coil	No coil

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	350 bar
Factory Pressure Settings Established at	15 L/min.
Maximum Valve Leakage at 110 SUS (24 cSt)	30 cc/min.@70 bar
Locknut Hex Size	11,1 mm
Locknut Torque	5 - 6 Nm
U.S. Patent #	10,775,812
Seal kit - Cartridge	Buna: 990010007
Seal kit - Cartridge	Viton: 990010006

- 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: RPEILWN

CONTROL	(L) ADJUSTMENT RANGE	(W) SEAL MATERIAL	(N) COIL *
L Standard Screw Adjustment C Concealed Manual Override	W 3000 - 5000 psi (210 - 350 bar), 5000 psi (350 bar) Standard Setting A 1500 - 3000 psi (105 - 210 bar), 3000 psi (210 bar) Standard Setting	N Buna-N V Viton	No coil * Additional coil options are available