

Pressure Release Solenoid Valve

Description:

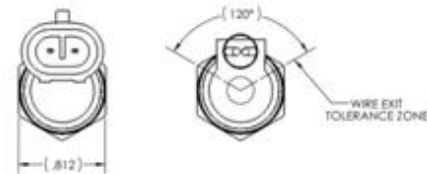
This is an example of an on-off solenoid valve for engines and/or alternate applications needing to quickly reduce pressure within a cylinder, enclosed cavity or transmit fluid to another passage.

The unit works much like a small engine intake or exhaust valve with the inner poppet (valve) extending as power is applied and thereby communicating flow from the valve nose to the radial exit holes.



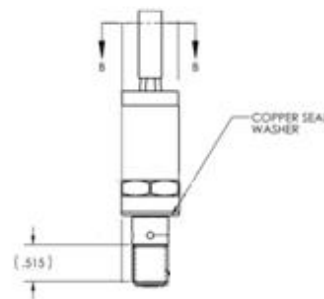
Features:

- High operating temperature
- Normally closed
- Teflon wires sleeved with a silicon jacket
- Low leakage
- Excellent wear characteristics



Possible Applications:

- Engine compression release
- Paint mixing systems
- Relief valve
- Natural gas control
- Industrial water control



Example Specifications:

Metric (English as applies)

Stroke (can be designed to specification)	7.62 mm (.03 in)
Coil Resistance at 20°C	4.8 Ω
Supply Voltage	9-16 Vdc
Duty Rating (%ED)	100%
Operating Temperature Range	-40 to 240°C (-40 to 460°F)
Durability	>100M cycles
Connector Type	Amp Superseal
Leakage	<800 cc/min @ 80 psi
Valve Spring Load	8.8 N (2 lbs)