

ADVANTAGES :

- PREVENT DAMAGE TO GAUGE / INSTRUMENTS DUE TO SUDDEN PRESSURE SURGE
- 316SS CONSTRUCTION
- COMPACT DESIGN
- AUTOMATIC POSITIVE ACTION
- IN LINE INSTALLATION
- REPEATABLE PERFORMANCE
- MAXIMUM WORKING PRESSURE 6,000 PSI

Part Numbering System

PLV = PRESSURE LIMITING VALVE

4 = 1/4" NPT

2 = 1/2" NPT

M = MALE NPT THREAD

F = FEMALE NPT THREAD

RANGE = SEE BELOW

Example: PLV-2F-2F- 1 SET: 80PSI



Available Configurations

PLV	1/2" male	1/2" male	6,000 PSI
PLV	1/2" male	1/2" female	6,000 PSI
PLV	1/2" female	1/2" female	6,000 PSI
PLV	1/4" female	1/4" female	6,000 PSI
PLV	1/4" male	1/4" male	6,000 PSI
PLV	1/4" male	1/4" female	6,000 PSI

Available Ranges

RANGE	Adjustment Span in PSI
1	50 to 120 PSI
2	80 to 180 PSI
3	150 to 300 PSI
4	250 to 600 PSI
5	700 to 1000 PSI
6	1200 to 1800 PSI
7	2000 to 3000 PSI
8	3000 to 6000 PSI

TECHNICAL FEATURES:

PIC Pressure Limiting Valves are also called **over-load protectors** or **gauge savers**.

The PLV cuts off pressure rising above the desired pressure value (pre-set value) thus preventing failure of pressure gauge or instruments and also stops possible damages such as hazardous leakages and explosions etc.

The Pressure Limiting Valve or gauge saver shuts off the system with quick and positive action of built in push-rod device. As and when, the pressure falls below the pre-set pressure value, the line and/or the pressure gauge will be automatically put into operation again.

The PLV is of extreme importance and necessity for the protection of the pressure sensitive instruments against over pressures, sudden line induced pressure surges which are principal causes of the instrument and subsequent system failure. The PLV can be supplied to function at different cut-off pressure values on special request.

The repeat accuracy of the unit depends on the rate of pressure rise. However, an accuracy of $\pm 10\%$ of the set pressure may be expected.