

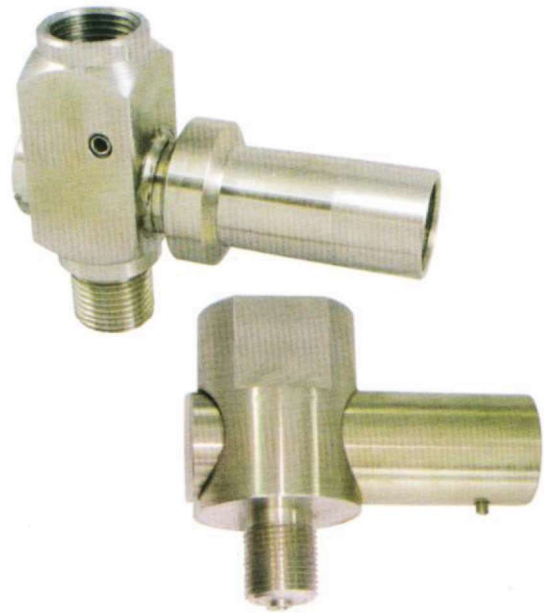
### Application

AP Series, the overload protector is designed to protect pressure gauge againsts overload pressure higher than maximum measuring range. The overload protector is used as a valve. With inert spring, the unit will acting to adjusted correspondingly to each maximum range of the gauge and simply turn the gauge off.

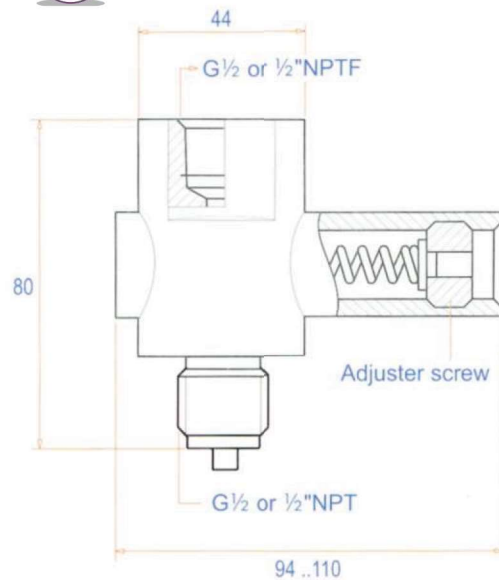


### Specification

- Design model  
Ap100 : Low range overload protector  
Ap200 : Medium and high range overload protector
- Set Accuracy  
Class 4.0
- Design Connection  
Instrument : G $\frac{1}{2}$ " or NPT Female  
Process side : G $\frac{1}{2}$ " or NPT, Male (Standard) or Female
- Design Temperature  
Working temperature -25..+120 °C
- Material  
Valve housing : SS316  
Wetted part : SS316 + BUNA  
Diaphragm/Piston : SS316L
- Setting Range  
Ap100 : 0.16 .. 10 bar  
Ap200 : 16.. 400 bar
- Over Pressure Limit  
Ap100 : 50 bar  
Ap200 : 400 bar



### Dimension (mm)



### Ordering Code



#### AP<sup>①</sup> - Connection Size<sup>②</sup> Setting Range<sup>③</sup> \*Option<sup>④</sup>

①	Design Pressure
100	Diaphragm type
200	Piston type

②	Connection Size
G4	G $\frac{1}{4}$ "
N4	$\frac{1}{4}$ " NPT
G2	G $\frac{1}{2}$ "
N2	$\frac{1}{2}$ " NPT

③	Setting Pressure Range (Bar)
1	0.1 .. 0.6
2	1 .. 6
3	10 .. 16
4	25 .. 60
5	100 .. 200
6	250 .. 400

④	Option
VT	Wetted part SS316 + VITON
HT	Working temp. -25°.. +240 °C
32	Body material SS321
HP	Setting pressure range 1.6..400 bar