

# Accessories of Pressure Gauge

## Model No. Gauge Protector



### SS-GP Series

#### Applications

Adjustable overpressure protectors are intended to protect pressure gauges against the effect of pressures exceeding their maximum pressure rating. Stainless steel version for corrosive pressure media, even in corrosive ambience. Process industry: mechanical engineering and plant construction, chemical/petro-chemical, power stations, mining, on- and offshore, environmental technology.

#### Special Features

- 7 different setting ranges selectable
- Minimum pressure to 10KPa (0.1 bar)
- Maximum pressure to 3625 psi (250 bar)
- Max. Static Pressure UP to 250 bar
- Vacuum safe

#### Description

The overpressure protector consists of a spring loaded piston valve. Under normal pressure conditions the spring holds the valve open. When the system pressure exceeds the set pressure, the force exerted by the spring is overcome and the valve closes. The valve will remain closed until the system pressure drops approximately 25% below the closing pressure, where-upon the force of the spring will open the valve.

#### To change pressure setting :

- ▶ Turn adjusting screw clockwise
  - Closing pressure higher
- ▶ Turn adjusting screw counter clockwise
  - Closing pressure lower
- ▶ Overpressure protectors must not be used as process control devices

#### Settings with factory mounting

- ▶ The protector is set to 1.1 x maximum scale value when ordered together with a KINS pressure gauge.

#### Standard Features

- ▶ Pressure Connection
  - 3/8" PF & 1/2" NPT male inlet, female outlet
  - 1/2" NPT to 1/4" NPT adaptors available
- ▶ Body
  - 316Ti stainless steel
- ▶ Piston Valve
  - 316Ti stainless steel
- ▶ O-Ring
  - FPM (Viton)
- ▶ Operating Temperature (Media)
  - 80 °C maximum

#### Optional Extras (by special order)

- Other connection thread on request
- Degreased, approved for oxygen service, only up to 60°C maximum
- Brass version
- Monel version
- Version according to Oxygen service

#### Selectable standard versions

Range(bar)	0,03~0,1	0,15~0,5	0,2 ~ 2,5	2 ~ 6	5 ~ 25	20 ~ 60	50 ~ 250
Range(psi)	0,43~1,45	2,17~7,25	3 ~ 35	30 ~ 85	85 ~ 365	290 ~ 870	725 ~ 3625
Part number	SS-GP-1	SS-GP-2	SS-GP-3	SS-GP-4	SS-GP-5	SS-GP-6	SS-GP-7

#### Dimension– Standard versions(mm)

