

OVERPRESSURE GAUGE PROTECTOR



Reotemp's Gauge Protector is designed to prevent instrumentation from experiencing overpressure or bursting due to unexpected pressure spikes. As pressure rises, a spring is compressed until a piston fully closes the process from the instrument. Once pressure reduces beyond 25% of set pressure, the valve reopens and the instrument returns to normal operation.

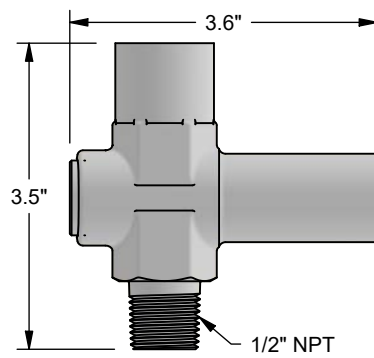
FEATURES / BENEFITS

- Saves Instrumentation from Excessive Pressure
- Set Valve in Field or at the Factory
- Various Materials of Construction Available

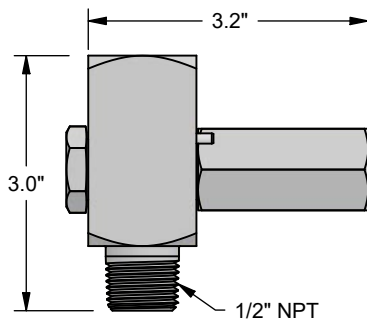
SPECIFICATIONS

Body Materials	316 Stainless Steel UNS 1.4571 (Standard)
Connection Sizes	1/2" (Standard) 1/4" BSPP M20 x 1.5
Max Allowable Pressure	Pressure: 8,700 psi (Regardless of Material or Spring Selection)
Max Allowable Temperature	175°F
Other Wetted:	Viton

VALVES



Forged Body



Machined Body

HOW TO ORDER: Choose options to build a part number. For example: PXGP2F2MS-1-A1PM

PXGP

2F2M

S

-1

-A1PM

MODEL

CONNECTION

BODY MATERIAL

SPRING RANGE

OPTIONS

PXGP = Overpressure
Gauge Protector

2F2M = 1/2"F x 1/2"M
4F4M = 1/4"F x 1/4"M

Forged Body
S = 316SS UNS 1.4571
B = Brass

Machined Body
M = Monel
H = Hastelloy C-276

1 = 6 to 35 psi
2 = 30 to 85 psi
3 = 70 to 360 psi
4 = 290 to 870 psi
5 = 725 to 3,625 psi
6 = 3,480 to 5,800 psi
7 = 5,800 to 8,700 psi

FS = Set Valve at Factory
A1 = Installed on Instrument (set at
max instrument unless specified)
NC = NACE MR0175 Compliant
PM = PMI Test
TS = Heavy Duty SS Tag
SE = Snubber Installed for Water and Light Oils
SG = Snubber Installed for Gas
SD = Snubber Installed for Heavy Oils