GO - pressure control

Pressure reducing regulators

Stainless steel - brass - aluminium

PR-1
- 316L Stainless Steel
- Single Stage
- Inlet Pressure: max 410 bar
- Outlet Control Range: 0-0,7 bar to 0-35 bar
- Flow Coefficient: Cv 0.06 or 0.2
- Operating Temperature: -40°C to 260°C (at 210 bar)

PR-2
- Brass
- Single Stage
- Inlet Pressure: max. 210 bar
- Outlet Control Range: 0-0,7 bar to 0-35 bar
- flow coefficient: Cv 0,06 or 0,2
- operating temperature: -45°C to 175°C

PR-5
- 316L Steinless Steel
- Single Stage
- Inlet Pressure: max 14 bar
- Outlet Control Range: 0-0.7 bar to 0-3.5 bar
- Flow Coefficient: Cv 0.06
- Operating Temperature: 0°C to 175°C

PR-7
- 316L Stainless steel or brass
- Single Stage for High Flow
- Inlet Pressure: max 210 bar
- Outlet Control Range: 0-1.7 bar to 0-7 bar
- Flow Coefficient: Cv 1.0
- Operating Temperature: 0°C to 126°C

PR-9
- 316L Stainless Steel
- Single Stage for High Temperature
- Inlet Pressure: max 210 bar @ 340°C
- Outlet Control Range: 0-1.7 bar to 0-17.5 bar
- Flow Coefficient: Cv 0.06
- Operating Temperature: -200°C to 540°C

PR-10
- Aluminium
- Single Stage with Fine Regulation
- Inlet Pressure: max 210 bar
- Outlet Control Range: 0-0.7 bar to 0-17.5bar
- Flow Coefficient: Cv 0.06
- Operating Temperature: -54°C to 175°C

CPR-1
- 316L Stainless Steel
- Single Stage, Compact Construction
- Inlet Pressure: max 210 bar
- Outlet Control Range: 0-0,7 bar to 0-35 bar
- Flow coefficient: Cv 0,06 or 0,2
- Operating Temperature: -40°C to 80°C

SPR
- 316L Stainless Steel
- Single Stage for Low Pressure
- Inlet Pressure: max 410 bar
- Outlet Control Range: 0-0,7 bar to 0-35 bar
- Flow coefficient: Cv 0,2
- Operating Temperature: -40°C to 100°C

Bühler Technologies GmbH
D - 40880 Ratingen, Harkortstr. 29
Tel.: + 49 (0) 2102 / 4989-0 Fax: + 49 (0) 2102 / 4989-20
e-mail: analyse@buehler-ratingen.com

GO - pressure control

High pressure regulator

Stainless steel

PR-50
- 316L Stainless Steel
- Single Stage
- Inlet Pressure: max 420 bar
- Outlet Control Range: 0-35 bar to 0-140 b
- Flow Coefficient: Cv 0.06
- Operating Temperature: -40°C to 175°C

PR-59
- 316L Stainless Steel
- Single Stage w/optional balanced poppet or integrated outlet valve
- Inlet Pressure: max 280 bar
- Outlet Control Range: 0-35 bar to 0-140 bar
- Flow coefficient: Cv 2,0
- Operating Temperature: -40°C bis 120°C

Back pressure regulator

Stainless steel-brass

BP-3
- 316L Stainless Steel
- Single Stage
- Control Range: 0-0.7 bar to 0-35 bar
- Flow Coefficient: Cv 0.3
- Operating Temperature: -40°C to 260°C

BP-4
- Brass
- Single Stage
- Control Range: 0-0.7 bar to 0-35 bar
- Flow Coefficient: Cv 0.3
- Operating Temperature: -54°C to 175°C

BP-6
- 316L Stainless Steel
- Single Stage for High Pressure
- Control Range: 0-7 bar to 0-70 bar
- Flow Coefficient: Cv 2.4
- Operating Temperature: -40°C to 120°C

BP-8
- 316L Stainless Steel or Brass
- Single Stage for High Flow
- Control Range: 0-0,7 bar to 0-17,5 bar
- Flow Coefficient: Cv 2.4
- Operating Temperature: -40°C to 175°C

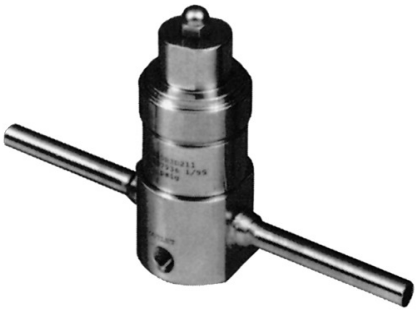
BP-60
- 316L Stainless Steel
- Single Stage for High Pressure
- Control Range: 0-35 bar to 0-210 bar
- Flow Coefficient: Cv 0.095
- Operating Temperature: -40°C to 175°C

BP-66
- 316L Stainless steel
- Piston Sensor for High Pressure
- Control Range: 0-280 bar to 0-420 bar
- Flow Coefficient: Cv 0,095
- Operating Temperature: -40°C to 175°C

GO - pressure control

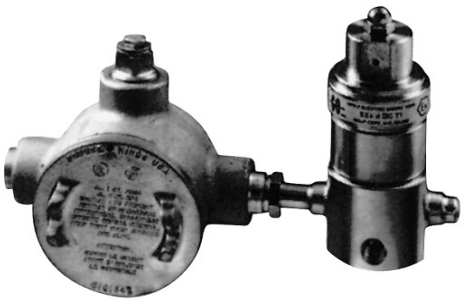
Heated pressure regulator / vaporizer

Electric or Steam



HPR-2-steam

- 316L Stainless Steel
- Single Stage with Steam-Heated Heat Exchanger
- For Heating or Vaporizing of Gas Streams
- Inlet Pressure: max 410 bar
- Outlet Control Range: 0-0.7 bar to 0-35 bar
- Flow coefficient: Cv 0.06 or 0.2
- Operating Temperature: -40°C to 260°C



HPR-2-electric

- 316L Stainless steel
- Single Stage with Steam-Heated Heat Exchanger
- For Heating or Vaporizing of Gas Streams
- Voltage: 110V or 230V, 50/60Hz
- In diff. power classes, optional ex-proofed
- Inlet Pressure: max 410 bar
- Outlet Control Range: 0-0.7 bar to 0-35 bar
- Flow coefficient: Cv 0.06 or 0.2
- Operating Temperature: -40°C to 260°C