

Cylinder Pressure Regulators

PRT-1EP Series

Product Features

- Cylinder pressure regulator with lightweight materials
- Brass chrome plated or aluminium body and aluminium bonnet for inert, reactive, flammable and oxidizing gas and mixtures up to grade 6.0
- Stainless steel 316L body and aluminium bonnet for corrosive gases
- Accurate and stable pressure control
- Minimal internal volume allows for rapid purging and carry-over
- Various porting configurations are available
- Tested for use with oxygen

Typical Applications

- Analyzers
- Lecture bottles
- Sampling system

Technical Data

Type	single-stage
Inlet pressure P1	max. 250 barg
Outlet pressure P2	2 , 4 , 10 barg
Body Materials	Stainless Steel 316L , Chrome plated brass
Valve seat	PCTFE
Diaphragm	Hastelloy C276
O-ring : (option)	Viton (FKM) , Kalrez (FFKM)
Filter	SS 316L
Inlets and Outlets	1/8", 1/4" NPT(F)
Temperature range	-30°C to +74°C
Leak rate : (to atmosphere) , (via seat)	1x10 ⁻⁶ mbar l/s He , Bubble-tight
Flow capacity	Cv=0.06
Weight	0.47 kg



Dimensions (mm)



