Point of Use Regulator Wall-mount | PRA-1100 Series

Product Features

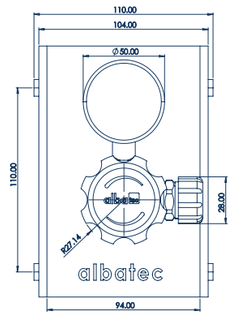
- Point of Use Regulator Wall-mount
- Brass nickel-chrome plated body for inert, reactive, flammable and oxidizing gas and mixtures up to grade 6.0
- Stainless steel 316 body and bonnet for corrosive gases
- Modular design - For more information refer to ordering information
- Diaphragm type shut-off valves
- Suitable for inlet pressure up to 60 bar
- Easy installation in systems and in safety cabinets thanks to 2-piece SS plate
- Components tested for use with oxygen, CGA E-4 oxygen shock tested
- In accordance with applicable standards such as EN ISO 2503 and DIN EN 837-1

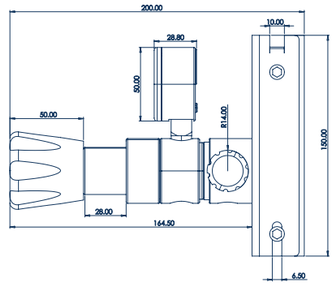


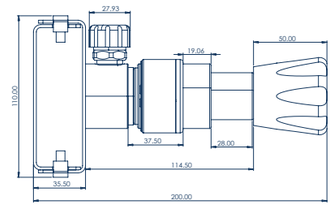
Technical Data

Type:	Single-stage
Inlet pressure P1:	max. 60 bar (O2 max. 40 bar)
Outlet pressure P2:	2/6/10/15/20/50 bar
Materials:	
Body regulator and valves:	see ordering info
Valve seat (regulator):	PCTFE
(shut-off valve):	PCTFE
Diaphragm:	Hastelloy® C276
(valve):	Elgiloy®
O-ring:	Viton® (FKM)
(option)	Kalrez® (FFKM)
Filter:	SS 316
Inlet connection:	1/4" NPT(F)
Outlet connection:	1/4" NPT(F)
Temperature range:	-30 °C to +74 °C
Leak rate (to atmosphere):	$1x10^{-8}$ mbar l/s He
(via seat):	$1x10^{-6}$ mbar l/s He
Weight:	1.9 kg

Dimensions (mm)







All dimensions are provided for reference only. Actual product specifications may vary. Albatec assumes no responsibility for any discrepancies.

Ordering Information

PRA - 1102- BP - B10 - F14 - F14 - KGE - N2

Type	
0	Basic Element
1	Wall-mount
2	Bench-mount
3	Suspend-mount
4	Panel-mount

Inlet Option	
0	-Without
2	-Inlet Shut-off Valve

Outlet Option	
0	-Without
2	-Outlet Shut-off Valve
4	-Outlet Regulating Valve

Material	
BP	-Brass Nickel-Chrome Plated
SS	-SS316

Inlet Pressure	
B	-40 bar
C	-60 bar

Outlet Pressure	
2	-2 bar
6	-6 bar
10	-10 bar
15	-15 bar
20	-20 bar
50	-50 bar

Inlet Connection	
F14	-FNPT 1/4"
CF2	-Compression Fitting 1/8"
CF4	-Compression Fitting 1/4"
CF6	-Compression Fitting 3/8"
CF8	-Compression Fitting 1/2"
CF3M	-Compression Fitting 3mm
CF6M	-Compression Fitting 6mm
CF8M	-Compression Fitting 8mm
CF10M	-Compression Fitting 10mm
CF12M	-Compression Fitting 12mm

Outlet Connection	
F14	-FNPT 1/4"
CF2	-Compression Fitting 1/8"
CF4	-Compression Fitting 1/4"
CF6	-Compression Fitting 3/8"
CF8	-Compression Fitting 1/2"
CF3M	-Compression Fitting 3mm
CF6M	-Compression Fitting 6mm
CF8M	-Compression Fitting 8mm
CF10M	-Compression Fitting 10mm
CF12M	-Compression Fitting 12mm

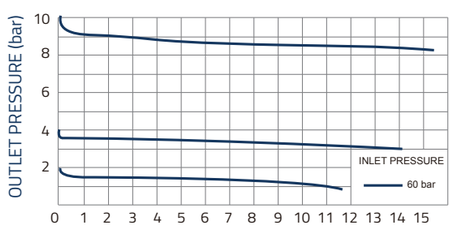
Extra Options	
-	-Without
KGE	-Inlet Contact gauge
KGA	-Outlet Contact gauge
PGE	-Inlet Pressure Transmitter
PGA	-Outlet Pressure Transmitter
FBA	-Flashback Arrestor

Gas
N_2
Ar
He
H_2
O_2
Air
N_2O
CO_2

Example: **PRA - 1124- SS - B10 - F14 - CF4 - FBA - N_2**

Point of Use Regulator Wall-mount
Inlet Option: Inlet Shut-off Valve
Outlet Option: Outlet Regulating Valve
Material: SS316
Inlet Pressure: 40 bar
Outlet Pressure: 10 bar
Inlet Connection: FNPT 1/4"
Outlet Connection: Compression Fitting 1/4"
Extra Option: Flash Back Arrestor
Gas: N2

Flow Chart



Typical Applications

- Component Testing
- Calibration Systems
- Laboratory Pressure Control
- Service & Test Equipment
- Analytical instrumentation
- Semiconductor and high-purity gas systems

Notes

- As standard, the product is supplied with the main regulator body, outlet pressure gauge, diaphragm shut-off valve(s) (as per the ordered configuration), 2-piece SS plate, and user manual.
- For special configurations or custom-made products, please contact Albatec.

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