



- 1 Cylinder connection
- 2 Connection spirals
- 3 Inlet shut-off valve
- 4 Regulator single-stage
- 5 Inlet pressure gauge
- 6 Outlet pressure gauge
- 7 Process gas outlet
- 8 Relief valve
- 10 Purge gas outlet

**Single-stage,
for inert, flammable gases and gas mixtures and oxygen,
purity max. 5.0
inlet pressure 300 bar/ 4300 psi,
outlet pressure range 1 - 20 bar / 15 - 290 psi**

Highlights

- ▲ With internal gas purging,
- ▲ Process gas and purge gas shut-off valve
- ▲ Pressure regulator with SS diaphragm 1.4404

Features

The SMD 230-24 is mounted on a stainless steel panel and consists of a pressure regulator, inlet and outlet pressure gauges, relief valve and shut off valves for the process gas and for purge gas.

Application

Gas panels are usually installed in the cylinder room or cabinet and reduce the cylinder pressure to a lower line pressure. This design allows purging with internal gas after cylinders are being changed. This flushes the atmospheric air from the system; gas purity is maintained. Standard application: centralized or decentralized gas supply.

Technical data

Body:	brass CW 617 CuZn40 Pb2, chrome-plated
Seat seal:	Polyamid 6.6, Zytel 103
Sealing material:	NBR 70°- 80°SH
Sealing relief valve seat:	EPDM 70° Sh - Rubber
Weight:	appr.. 2,6 kg
Performance data:	see chapter 5.1
Basic design aspects:	see page 35
Range inlet gauge:	0 – 400 bar / 6000 psi
Range outlet gauge:	0 - 16 bar (0 - 230 psi) 0 - 40 bar (0 - 480 psi)
Dimensions:	250 x 155 x 185

Order code

Type	Material	Inlet pressure	Outlet pressure	Inlet conn.	Outlet conn.	Contact press. gauge	Gas type
SMD 230-24	BC	G	10	N14	N14	Ki	Gas
SMD 230-24	BC = brass	G = 300 bar /4300 psi	10 = 1 - 10 bar/15 -145 psi 20 = 2 - 20 bar/30 -290 psi	N14 = NPT 1/4"	N14 = NPT 1/4"	0 = without Ki = with	specification of used gas

For proper installation and service of this panel a gas specific spiral connection tube is necessary. See in chapter Accessory page 94".
Outlet: (expl.: CL6=tube fitting with outer diameter 6 mm, 0 = without)