

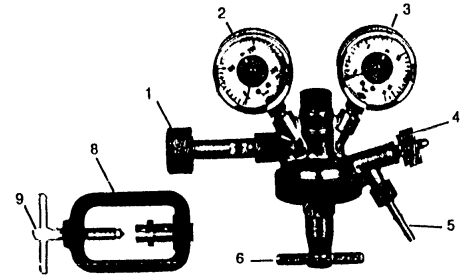
Operating Instructions

For cylinder pressure reducer with connection to gas cylinder, for welding, cutting and related methods accord to DIN 8546.

Connections according to DIN 477

Please note before commissioning of these products, the following information on all hazards, which can occur if not used correctly.

- (1) Connection female thread DIN 477
(Connections vary according to gas types)
- (2) Security volume pressure gauge according to DIN 8549 part 1
- (3) Security working pressure gauge according to DIN 8549 part 1
- (4) Shut-off valve
- (5) Hose connection according to DIN 8542
- (6) Toggle screw for pressure regulation
- (8) Connection bow DIN 477
- (9) Stirrup bolt



References before starting

- First of all make sure that connections (cylinder valve and pressure reducer) are free of grease, oil, glycerine and other lubricants.
- Screw on firmly the pressure reducers with the connecting female thread (1) to the cylinder valve using a spanner.
- Acetylene pressure reducer = connecting bow (8) + (9)
- Keep close the shut-off valve
- If necessary, unscrew the toggle screw (6) for pressure regulation till stop in order to relieve press spring.
- Attach the hoses to the port (5). If there are no fixed mounted hoses used, save the hose ends with clamps.
- Gas cylinders have to be protecting against falling down, frost and heat.

References while starting

- Open cylinder slowly. Cylinder pressure is now indicated on the volume pressure gauge (2)
- Adjust desired working pressure by turning the toggle screw (6) to the right and check the pressure on the working pressure gauge (3).
- Open the shut-off valve (4). If slight drop in pressure occurs regulate with the toggle screw (6).

After work

- Close cylinder valve
- Relieve pressure reducer by turning the toggle screw (6) to the left.
- Close shut-off valve

How to behave in case of disturbance

Occurring disturbances can have many reasons.

Avoid personal manipulations for your own safety.

Repairs are to be executed only by the manufacturer or by authorized work shops.

Attention!

Please consider the VBG 15 (accident prevention regulations) for "Welding, cutting and similar working processes".

Applies to the following articles:

Flange pressure controller, Flange pressure 200 bar, for non-flammable gases

Article No.	Type No.
101271 to 101279	487.35 to 487.42

Flange pressure controller, Flange press. 200 bar, for flammable gases

Article No.	Type No.
101280 to 101281	487.37 to 487.43

Flange pressure controller, Flange pressure 200 bar, for non-flammable gases, with flow meter

Article No.	Type No.
101282	489.10

Flange pressure controller, Flange press. 200 bar, for flammable gases, with flow meter

Article No.	Type No.
101283	489.11

Flange pressure controller, Flange pressure 300 bar, for non-flammable gases

Article No.	Type No.
101284 to 101287	488.35 to 488.39 H

Flange pressure controller, Flange pressure 300 bar, for flammable gases

Article No.	Type No.
101288 to 101289	488.44 to 488.43