

# Flange pressure reducer



Art. No. 146759

Type No. FDM200.CO2AR.25



Exemplary illustration

Single-stage type in pressed brass version in accordance with DIN EN ISO 2503, with shut-off valve and safety valve as well as pressure gauge each for cylinder content and working pressure.

Bottle pressure reducers are used to reduce a gas that has been compressed, liquefied and dissolved in a bottle at a certain filling pressure/upstream pressure to a much lower, as constant as possible back pressure/overpressure, as independently as possible of fluctuations in the upstream pressure and flow rate. Cylinder pressure reducers with connection to gas cylinders are suitable for reducing the pressure of various gases. They have a type approval in accordance with DIN EN ISO 2503 for welding, cutting and related processes. The connections are designed in accordance with DIN 477.

## Technical data

|                                      |                       |
|--------------------------------------|-----------------------|
| Housing                              | Pressed brass         |
| Min. temperature range               | -20 °C                |
| Max. temperature range               | 60 °C                 |
| Gas type                             | Carbon dioxide, argon |
| Colour code                          | schwarz               |
| Min. working pressure                | 0 bar                 |
| Max. working pressure                | 25 bar                |
| Cylinder connection                  | W 21,80x1/14          |
| Hose connection                      | G 1/4                 |
| Display range working pressure gauge | 0-40 / rZ 25 bar      |
| Indicating range                     | 0 - 300/400 bar       |

Areas of application: Mechanical engineering, electrical and automotive industry, welding technology

## Commercial data

|                         |                    |
|-------------------------|--------------------|
| Customs tariff number   | 84811099           |
| Country of origin       | IT                 |
| eCl@ss 5.1.4            | 37011108           |
| eCl@ss 9.0              | 37011108           |
| UNSPSC_Code_v190501     | 41112404           |
| UNSPSC_CodeDesc_v190501 | Pressure regulator |

## Accessories

|   | Art. No. | Type No.    |
|---|----------|-------------|
| Pressure gauge housing protection cap mad of Plastic, black       | 146838   | MGSK.KS.63  |
| Pressure gauge double housing protecti. cap made of Plastic black | 146839   | MDGSK.KS.63 |
| Protective bracket for Cylinder pressure regulator Black p. steel | 146840   | SBF.S       |
| Protective caps for pressure gauge Ø 63, red                      | 101301   | GS 30       |
| Protective caps for pressure gauge Ø 63, blue                     | 101302   | GS 31       |

## Spareparts

|   | Art. No. | Type No.         |
|---|----------|------------------|
| Content pressure gauge f. Cylinder pressure reg., neut., 0-400bar | 146825   | IMF.N.14.400.63  |
| Working pressure gauge for Cylinder pressure regul., O2, 0-40 bar | 146828   | AMF.O2.14.040.63 |
| Replacement seal f. Cylinder pressure regulator(Cyl. con.)Plastic | 146832   | EDF.KS           |
| Hose connector incl. nut, for hose I.D. 6.5/7.2/9/9.8             | 146835   | STMF.14.MS       |