



FMD 232-14



FMD 232-16



FMD 232-18

**Double-stage,
for inert, flammable gas and gas mixtures and oxygen,
purity max. 5.0
inlet pressure 300 bar/ 4300 psi,
outlet pressure range 0,2 - 10 bar / 3 - 145 psi**

Highlights

- ▲ **Stainless steel diaphragm**
- ▲ **Good control characteristics**

Features

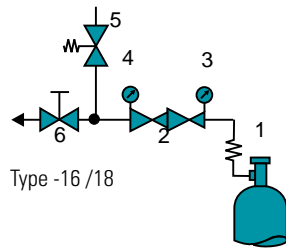
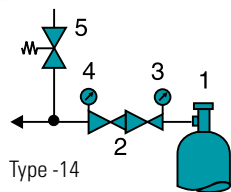
The FMD 232-14 consists of cylinder connection, pressure regulator, inlet gauge, outlet gauge, relief valve and tube fitting. The FMD 232-18 is available with metering valve at the outlet, the FMD 232-16 is available with diaphragm shut-off valve at the outlet.

Application

This cylinder pressure regulator FMD 232 is distinguished by high flow and good control characteristics and allow direct extraction from gas cylinders as well as considering the user's need for mobility of gas supply. For basic applications and gas purity max. 5.0. Double-stage design for constant outlet pressure virtually independent from the inlet pressure level.

Technical data

Body:	brass CW 617 CuZn40 Pb2, chrome-plated
Seat seal:	1st stage: Polyamid 6.6', Zytel 103 2nd stage: PTFE, Zytel 103
Sealing material:	NBR 70°- 80°SH
Sealing relief valve seat:	EPDM 70° Sh - Rubber
Performance data:	see chapter 5.1
Basic design aspects:	see page 35
Pressure gauge range:	0 - 400 bar (0 - 5800 psi) 0 - 5 bar (0 - 75 psi) 0 - 16 bar (0 - 235 psi)
Dimensions:	type -14: 195 x 145 x 200 type -16/-18: 235 x 145 x 200
Weight:	ca. 0,5 / 0,6 kg



- 1 cylinder connection
- 2 double-stage pressure regulator
- 3 inlet pressure gauge
- 4 outlet pressure gauge
- 5 relief valve
- 6 outlet shut-off valve (type -16)
/ metering valve (type -18)

Order code

Type	Material	Inlet pressure	Outlet pressure	Inlet conn.	Outlet conn.	Gas type
FMD 232-14	BC	G	3	DIN	CL6	Gas
FMD 232-14= without MV	BC = brass	G = 300 bar/4300 psi	3 = 0,2 - 3 bar / 3 - 45 psi	DIN	CL6	Specification of used gas
FMD 232-16=with MVA			10 = 0,5 -10 bar / 7 -145 psi	ANSI	CL8	
FMD 232-18=with MVR				AFNOR	CL10	
				NBN	CL 1/8"	
				BS 341	NO 1/4"	
				CGA	NO 1/8"	
				NEN		
				UNI		

Outlet: (expl.: CL6=tube fitting with outer diameter 6 mm,
NO6 = hose adaptor with hose inner diameter 6 mm)