

Cylinder pressure regulator FL1 / FL2 / FL3



Illustration FL 2

Description:

The cylinder pressure regulators from the series FL are equipped with 1 / 2 or 3 measurement tubes. It reduces cylinder pressure of compressed gases from a max. of 200 bar down to the outlet flow shown on the flowmeter measurement tube.

The integrated balanced poppet ensures a constant and uniform pressure throughout the emptying of the cylinder.

The exact amount of flow in l/min can be preset and read on the flowmeter measurement tubes.

The pressure regulator is fitted as standard with gas specific connections to DIN 477. A relief valve is also fitted.

The pressure regulator can be supplied as 1, 2 or 3x flowmeter with different measuring ranges.

Application area:

The cylinder pressure regulator of the type FL are used where an exact dosage of the flow is required.

Gas types:

- Co₂/ Argon
- inert gas
- other gas types on request

Technical details:

Housing:	brass, matt chrome plated
Flowmeter housing:	anodized aluminium
Diaphragm:	1.4435
Elastomer:	viton, NBR
Max. Inlet pressure:	200 bar
Flow: tube	dependant on gas type and measurement
Operating temp.:	-20°C bis +70°C
Weight:	750g / 900g / 1100g

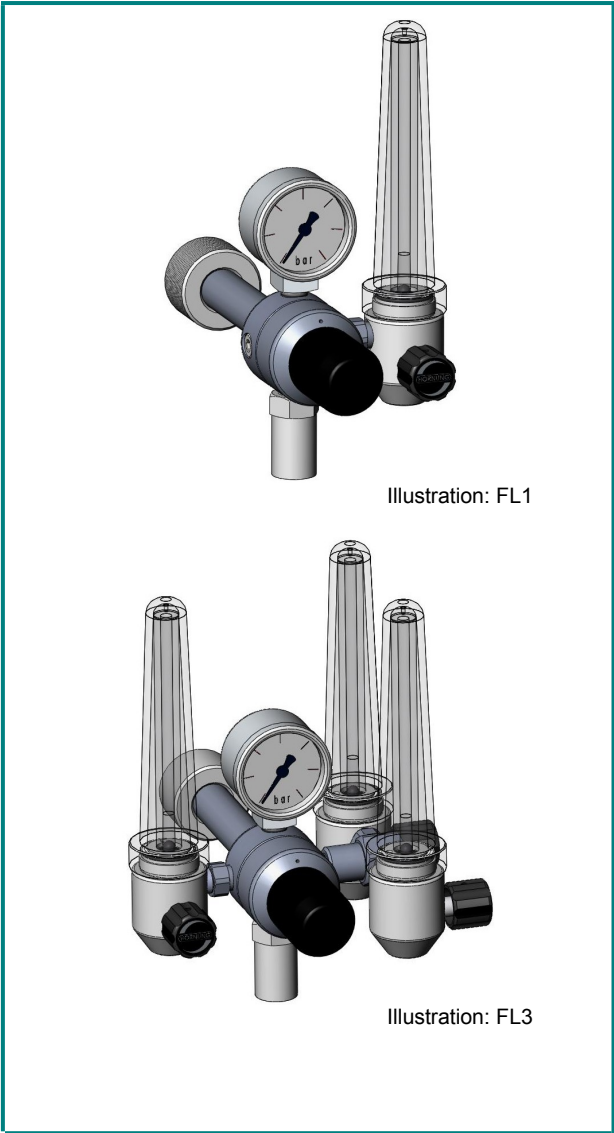
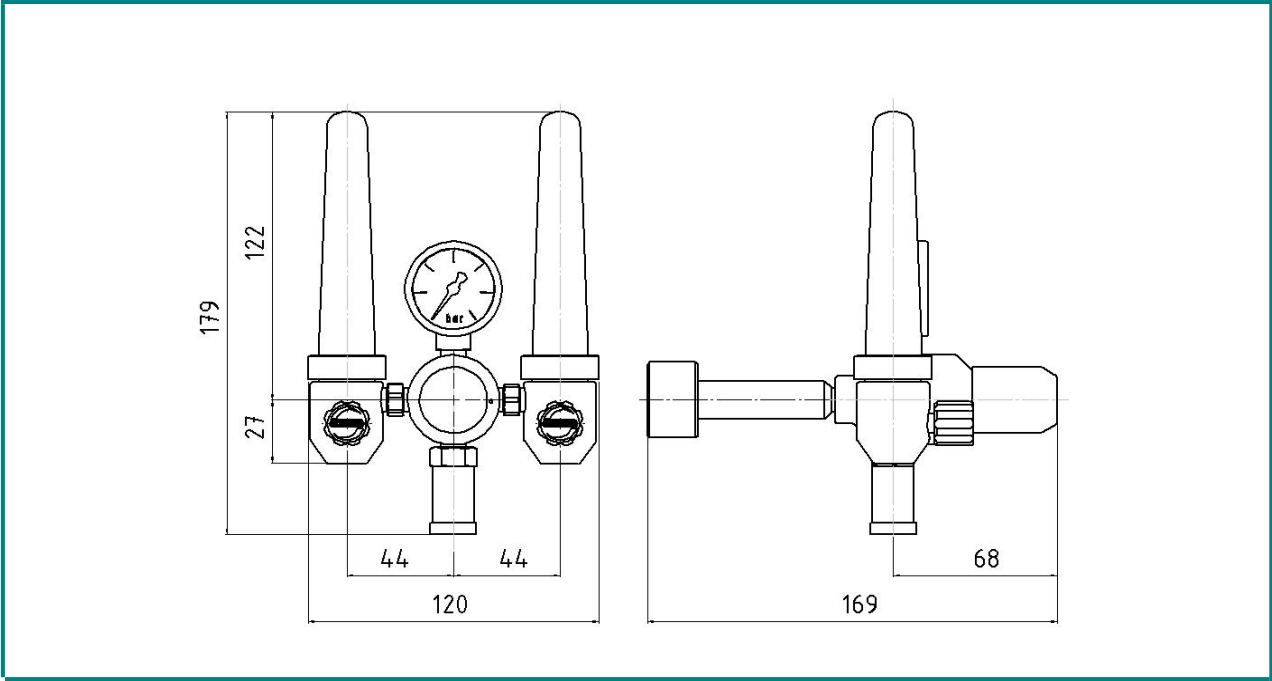
Hornung Quality standard

The company Hornung is certified to **DIN EN ISO 9001 and ISO 14001:2009**. All single parts are manufactured, assembled and tested in house. The finished parts are therefore under the criteria of our exact quality control with 100% final control.

Hornung GmbH
Rathenaustraße 55, 63263 Neu-Isenburg

Phone: +49 6102 7883-70
Fax: +49 6102 7883-40

www.hornung.org
info@hornung.org



Order details:

No. of measurement tubes:

- 1 = 1 measurement tube
- 2 = 2 measurement tubes
- 3 = 3 measurement tubes

Measuring area:

- 1 = 2 - 18 l/min
- 2 = 3 - 28 l/min

Option on the outlet side

- 1 = G 1/8" - Internal
- 2 = olive joint connection 6mm
- 3 = hose nozzle d = 6,3mm

Order example:

Regulator type	
02	FL 1 / FL2 / FL3

02	- 01	01	01	Gas
Type	tube	Area	Option	Gas type