

# Cylinder pressure regulator FL1 / FL2 / FL3



Illustration: FL2

## 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:

- Co<sub>2</sub>/ Argon
- inert gas
- other gas types on request

## Technical details:

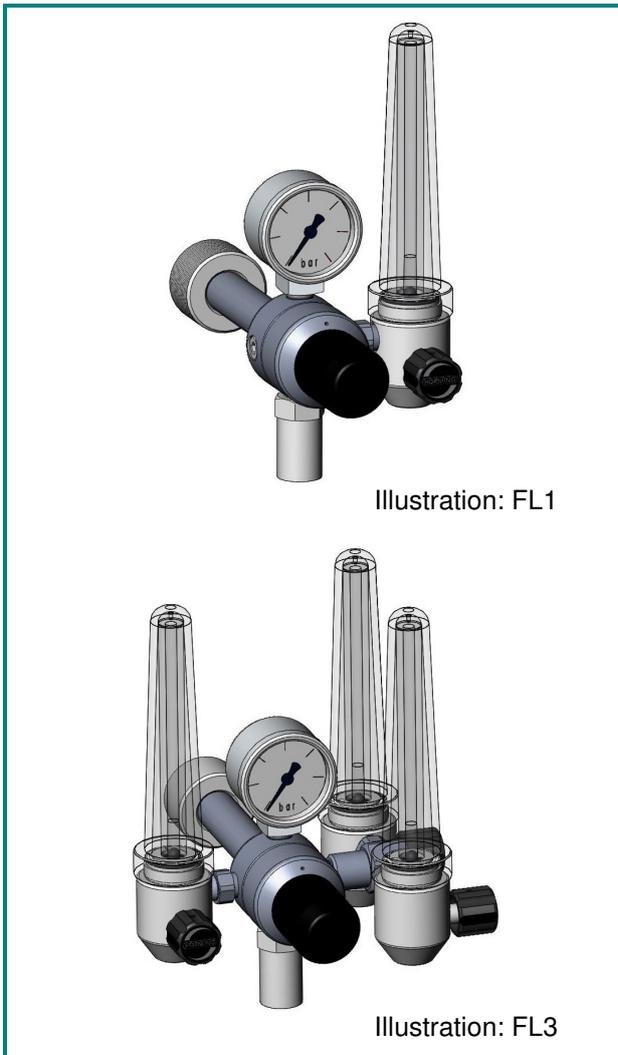
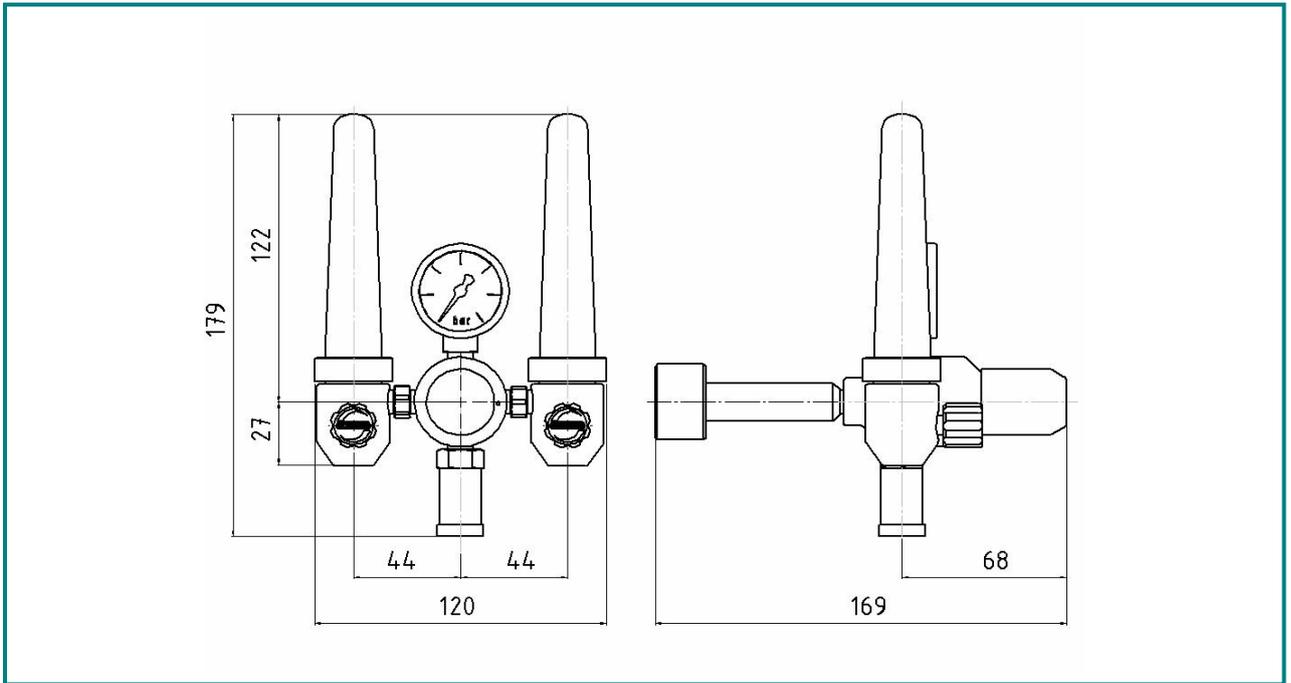
Housing:	Brass, Matt Chrome plated
Flowmeter housing:	Anodized Aluminium
Diaphragm:	1.4435
Elastomer:	Viton, NBR
Max. Inlet pressure:	200 bar
Flow:	Dependant on gas type and measurement tube
Operating temp.:	-20 °C bis +70 °C
Weight:	750g / 900g / 1100g
Connections:	Outlet: G 1/8" f

## Hornung Quality standard

The company Hornung is certified to  
**DIN EN ISO 9001**

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.



**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
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Type      tube      Area      Option      Gas type