



# EXAKT

Druckminderer  
Gas Regulator  
Réducteur de pression  
Reductor de presión  
Reduktor ciśnienia

## Argon/CO2 Gas Regulator VOGELMANN EXAKT

### Description and application

The single-stage Vogelmann Exakt gas regulator allows the pressure of gases taken from the cylinder to be reduced to the required operating pressure, ensuring a constant gas flow value regardless of the pressure change at the inlet. The product is used in various works related to welding with MIG, MAG, TIG methods, as well as can be used in aquariums. The regulator can be used to regulate the outlet pressure of Argon (Ar), Carbon Dioxide (CO2) and mixture of these gases.

### Technical data

Catalog Number	Inlet Thread	Outlet Thread	Outlet spigot/nut	Outlet Pressure	Maximum Inlet Pressure	Maximum Flow Rate
1201001	W21,8x1/14	G 1/8"	5mm	0,5-10 bar	200 bar	20 l/min

### Before use

To start working with the regulator, check the condition of the inlet fitting, safety valve, union nut and the gasket between the regulator and the gas cylinder. If any contamination is found in the above-mentioned places, they should be cleaned with compressed air. If grease is detected, the reducer should be disinfected and degreased before starting work. After performing the above activities, unscrew the gray nut regulating the gas flow from the regulator, and then connect the regulator to the gas cylinder by tightening it firmly with an open-end wrench. Put a gas hose on the outlet port and use a clamp band to seal the connection. If the gas hose is too small, place it in hot water and then try to fit it over the connection. Then, slowly unscrew the cylinder valve and check the tightness by applying soap and water to the joints. The next step is to slowly screw in the gray gas flow cap.

**WARNING! If the cylinder valve will be opened too quickly while the gas flow adjustment nut is screwed in, the safety valve in the regulator will work and the regulator itself will be damaged.**

### Service and maintenance

During operation, generally known health and safety regulations and fire protection requirements for the use of devices using technical gases must be observed.

With breaks of no more than 10 minutes in gas intake, it is enough to close the cylinder valve, and to resume operation, very softly open it until the appropriate inlet pressure is obtained.

During longer breaks, close the cylinder valve, let gas out of the regulator and gas hose, and unscrew the gray flow control knob from the regulator or leave it slightly screwed on.

With frequent use of the gear unit, check the tightness of connections every week using water with soap.

If the reducer works in low temperatures, you should obtain a dedicated gas heater.

Frozen gear units must be thawed with hot water or steam.

**WARNING! It is absolutely forbidden to heat the reducer with fire.**

Complaints, warranty repairs and any problems with using should be reported via the contact form on the website [www.vm-welding.com](http://www.vm-welding.com) in the "Contact Us" tab.