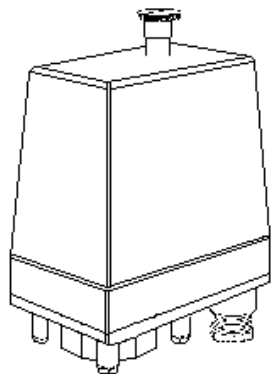


# Operating instructions Pressure controller M-6



## Technical specifications

IP 42  
230V=2,7KW / 400V=5,5KW  
50/60 Hz / max. 20A  
Operating temperature: -10/+50°C  
Max. pressure: 6 bar

## Safety regulations

The user must ensure that all instructions described here are observed.

The customer is responsible for the safety of the devices and equipment used together with the pressure controller.

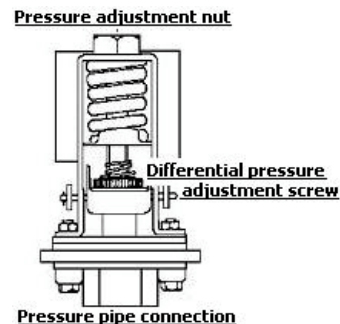
The customer bears the risk and the responsibility for all actions taken on the switch for what ever reason.

Before switching on, it must be ensured that the hood/cover is in the correct position.

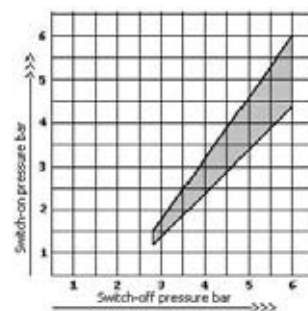
The pressure controller must not be used in a potentially explosive environment.

The pressure controller must not be exposed to rain or a direct water jet.

## Bild 1



## Bild 1.1



## Fig. 1

The standard connection is 1/4", which can be changed to 1/2" with the adapter provided.

The pressure pipe screw connection should be made as gas-tight as possible.

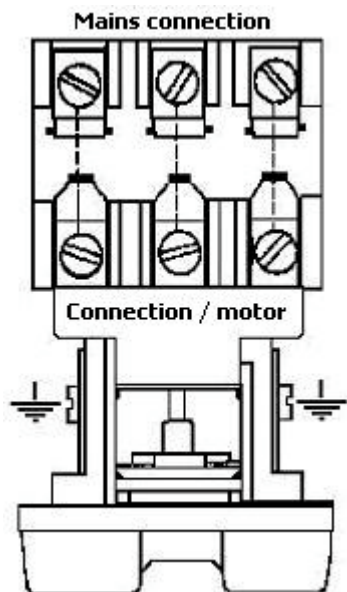
The required switch-on and switch-off pressure is achieved by turning the pressure adjustment nut or the differential pressure adjustment screw.

For this, the device must be installed ready for operation and switched on by pulling the red knob on the housing cover.

## Fig. 1.1

The setting can only be changed in operation and under pressure, by turning the pressure adjustment nut in +/- direction. For switch-on and switch-off pressure, see diagram.

## Fig.2



## Fig.2

Before making the electrical connection, the locking screw on the housing cover must be removed together with the hood.

The power supply connection is firmly screwed to the upper terminals and the motor to the lower terminals (pump or compressor).

The protective conductor is attached to the metal studs on the side.

Then push the protection against accidental contact (VBG4) over the insulator.

Mount the hood in the correct position and fix with the fixing screw on the housing cover.

**Attention:** Before connection, disconnect unit from power supply!!! Remove plug or set fuse to off.

## General

The drawings shown are only intended as a guide and are not necessary accurate in every detail.

The features of the pressure controller listed are not binding and may be changed by the manufacturer without prior notice in the course of further development.

The drawings and all other information regarding the pressure controller are the property of NE-MA s.r.l., Druento, Italy.

This pressure controller may only be used for controlling pumps and compressors.

This pressure controller may only be connected by an authorised specialist.

Incorrect connection may make the pressure controller inoperable and therefore destroy it.

It is prohibited to open the pressure pipe connection!  
**Attention!** Components are under enormous spring tension!

## Warranty conditions

Müller & Vedder GdbR gives a 24 month warranty on new devices which are installed in accordance with the installation instructions. The warranty covers all design, material and manufacturing defects. Further entitlements, in particular to the payment of assembly and disassembly costs, do not exist.

**Faults and defects not covered by the warranty are those which are due to:**

1. incorrect assembly or installation
2. failure to observe the operating instructions
3. incorrect operation or load
4. external influences such as shocks, knocks and weather conditions
5. repairs and modifications by unauthorised third parties
6. use of unsuitable accessories.

Defects occurring during the warranty period will be eliminated free of charge either by repair or replacement. Replacement delivery of a new device does not entail an extension of the original warranty period.

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