

OPERATING INSTRUCTIONS



Attention, before starting operation, please read this instruction manual and strictly follow the instructions!

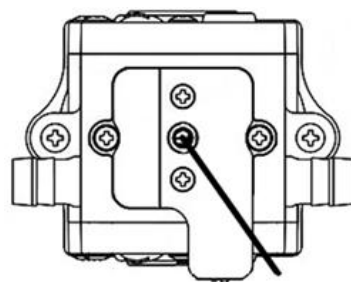
TECHNICAL CHARACTERISTICS

- Power supply: DC 9-14.4 V
- Maximum current consumption: 5 A
- Maximum power consumption: 60 W
- Operating current: 1.9 A (1 m suction, 5 m lift)
- Maximum flow rate: 5 l/min
- Dimensions (LxWxH): 165 x 100 x 70 mm
- Weight: 580 g
- Maximum pressure (cut-off): 6.8 atm/6.9 bar/100 psi
- Automatic shut-off when maximum pressure is reached*: Yes
- Maximum temperature of pumped liquid: 70 °C
- Ingress Protection (IP) rating: IP20

* For temporary shutdown for up to 1 minute, for example when using with a washing gun, for longer shutdown use the switch on the cord.

- Pressure adjustment: Yes (the location of the adjustment screw is shown in the diagram)
- Suction (by head difference): 1...2 m
- Lift: up to 70 m
- Power connection: 2,1...2,5 x 5.5 x 10
- Fluid connection:
 - 1/2" external thread
 - or
 - Ø11 mm fir-tree fittings

Location of the pressure adjustment screw



pressure adjustment screw

WORK PROCEDURE

1. Set the required shut-off pressure by turning the adjusting screw (the location of the adjusting screw is shown in the diagram). By turning the screw clockwise, the shut-off pressure can be adjusted to a maximum of 6.8 bar. By turning the adjusting screw counterclockwise, the shut-off pressure can be adjusted to a minimum of 3.0 bar. The default is 6.8 bar.
2. Remove the transport plugs and install the suction and drain hoses on the pump. Warning! Water may leak from the pump after removing the plugs. The presence of water in the pump is necessary for proper suction operation and remains after the pump has been factory tested.
3. Place the suction hose in the container from which the liquid will be pumped.
4. Place the drain hose in the container to which the liquid will be pumped.
5. Connect the pump to a 9-14.4 V power source.
6. After pumping the required amount of liquid, disconnect the pump from the power source.

POSSIBLE MALFUNCTIONS AND METHODS FOR THEIR ELIMINATION

Problem: The pump is not sucking in liquid.

Troubleshooting: Wet the pump membrane by running a small amount of tap water through the pump by gravity (without suction).

ATTENTION!

1. Do not connect the pump to a power source with a voltage greater than 14.4 V.
2. Do not operate the pump dry, without liquid for a long time.
3. Do not use the pump for pumping hot water (70 °C) or corrosive chemicals such as phenols, acetones, solvents, and acids.
4. Do not use the pump for pumping flammable liquids.
5. Do not use the pump in explosive environments.
6. Do not leave the device unattended during operation.