

Metering pumps

EcoPro / EcoAdd

Metering pump series with step motor technology in 2 different electrical versions.
Max. pump capacity: 5 / 11 / 30 / 50 / 120 l/h



Description / Order

Please see chapter Metering Technology / EcoPro/EcoAdd

Metering container



Technical data:

Material: LLD-PE nature (low level density PE)
Level scale: on the container
Equipment: Supporting for stirring tool or hand mixer
Aperture for sampling probe and level monitoring
Screw cap with EPDM seal
Outlet screw connection R 3/4"

Dimensions:

| Volume [L] | Height [mm] | External Ø [mm] | Cap Ø [mm] |
|------------|-------------|-----------------|------------|
| 40 | 490 | 460 | 220 |
| 75 | 630 | 460 | 220 |
| 140 | 660 | 600 | 220 |
| 200 | 880 | 600 | 220 |

Description / Order

Please see chapter Metering Technology / Metering container

Suction lances



Suction lances d16

Suction lance d16 incl. ball check valve, suction strainer and potential-free contacts for level warning and empty signal,
Lengths: 540 / 750 / 1125 mm

Suction lances d32

Suction lance d32 incl. ball check valve, suction strainer and potential-free contacts for level warning and empty signal,
Lengths: 475 / 725 / 1125 mm

Description / Order

Suction lances for EcoPro / EcoAdd 5 and 11 l/h

Please see chapter Metering Technology / EcoPro-Add / 7.2.2 Suction lances

Suction lances for EcoPro / EcoAdd 30 and 50 l/h

Please see chapter Metering Technology / EcoPro-Add / 7.3.2 Suction lances

Suction lances for EcoPro / EcoAdd 120 l/h

Please see chapter Metering Technology / EcoPro-Add / 7.4.2 Suction lances

Multifunction valve

This safety-relevant component serves the purpose of protecting the piping system and the metering pump and permits safe and reliable commissioning and maintenance of the system.

The multiple function valve combines all of the following functions: **overflow**, **pressure maintenance**, **venting** and **drainage**



Description / Order

Multifunction valves for EcoPro / EcoAdd 5 and 11 l/h

Please see chapter Metering / EcoPro-Add / 7.2.6 Multifunction valves

Multifunction valves for EcoPro / EcoAdd 30 and 50 l/h

Please see chapter Metering / EcoPro-Add / 7.2.6 Multifunction valves

Degassing valve

The degassing valve, consisting of a degassing valve and a connection cable with plug, ensures automatic degassing when metering an aerogenic medium in conjunction with metering pumps from the EcoAdd series. It is controlled by the pump software.



Description / Order

Please see chapter Metering / EcoPro / EcoAdd / Accessories / 7.2.5
Degassing valve

Note:

The degassing valve can only be used together with EcoAdd pumps with a capacity of 5 and 11 l/h.

Oval gear meter

The OGM^{PLUS} is used for volumetric measurement of the rate of flow of pure and cleaned liquids. The fact that this is a volumetric meter means that surging and discontinuous flows can also be measured. It is therefore ideally suited for measuring the metering quantity of our Eco pumps



Description / Order

Please see chapter Measuring and Controlling / OGM Plus

Suction and pressure lines

Suction and pressure lines for 5 and 11 l/h



Hose PE 4/6 mm

Hose PE 5/8 mm

Hose PE 6/8 mm

Hose PTFE 4/6 mm

Hose PTFE 5/8 mm

Hose PTFE 6/8 mm



PVC-fabric PVC 6/12 mm

Description / Order

See chapter Metering /
EcoPro / EcoAdd / Accessories /
7.2.8 Suction and pressure lines

Suction and pressure lines for 30 and 50 l/h



Hose PE 6/8 mm

Hose PTFE 6/8 mm



PVC-fabric PVC 6/12 mm

PVC-fabric PVC 10/16 mm

Description / Order

See chapter Metering /
EcoPro / EcoAdd / Accessories /
7.3.7 Suction and pressure lines

Suction and pressure lines for 120 l/h



PVC-fabric PVC 12/21 mm

Description / Order

See chapter Metering /
EcoPro / EcoAdd / Accessories /
7.4.5 Suction and pressure lines

Metering valves

Metering valves for 5 and 11 l/h



Spring-loaded ball valve with metering pipe, connection thread G3/8", screw-in thread G1/4" or G1/2"

Description / Order

See chapter Metering / EcoPro / EcoAdd / Accessories / 7.2.7 Metering valves



Spring-loaded ball valve with Elastomer ring on the outlet (prevents crystallisation, applicable for chloric products) connection thread G3/8", screw-in thread G1/4" or G1/2"

Description / Order

See chapter Metering / EcoPro / EcoAdd / Accessories / 7.2.7 Metering valves

Metering valves for 30 and 50 l/h



Spring-loaded ball valve with metering pipe, connection thread G5/8", screw-in thread G1/2"

Description / Order

See chapter Metering / EcoPro / EcoAdd / Accessories / 7.3.6 Metering valves

Metering valves for 120 l/h



Spring-loaded ball valve with metering pipe, connection thread G1 1/4", screw-in thread G3/4"

Description / Order

See chapter Metering / EcoPro / EcoAdd / Accessories / 7.4.4 Metering valves



Spring-loaded ball valve, connection thread G1 1/4", screw-in thread G1 1/4"

Description / Order

See chapter Metering / EcoPro / EcoAdd / Accessories / 7.4.4 Metering valves

Connection material



Connection material for 5 and 11 l/h

Connection set for PE/PTFE hose 4/6 and 6/8 mm and PVC hose 6/12 mm

Description / Order

See chapter Metering / EcoPro / EcoAdd / Accessories / 7.2.1 Connection material



Connection material for 30 and 50 l/h

Anschlussset für PVC-Schlauch 6/12 und 10/16 mm

Description / Order

See chapter Metering / EcoPro / EcoAdd / Accessories / 7.3.1 Connection material



Connection material for 120 l/h

Anschlussset für PVC-Schlauch 12/21 mm

Description / Order

See chapter Metering / EcoPro / EcoAdd / Accessories / 7.4.1 Connection material