



ALW-Liedgens

Flow-Control Type 500 und 500e





Flow-Control

Since over 25 years our flow controlling devices have been proved in the best way, by control, for constant cooling on:

Injection moulding machines

Extruders

calibration plants

Vacuum Exhaust

welding transformers

welding tongs

hydraulic systems

We offer our flow controlling devices in different versions and sizes for your individual use.



Type 500 flow rate 500 l/h for each automatic control loop

Type 500 with \varnothing 10 & \varnothing 12mm hose connector available (as controlling devices up to 16x)

Type 500e with \varnothing 10 & \varnothing 12mm hose connector available (as controlling devices up to 16x)

Type 500 with absorption block R $\frac{1}{2}$ "internal threads.

Type 2000 flow rate 2000 l/h for each automatic control loop

Type 2000 with \varnothing 14 & \varnothing 19mm hose connector available (as controlling devices from 2-10x)



Flow-Control

Type 500 Model 500.1

The Type 500.1 has a regulation in forerun and reverse running and is in series equipped with \varnothing 12mm hose connector.

The control of devices is available up to 16x. All water-prominent parts are manufactured from high-quality plastic. The flow rate can be adjusted by sensitive regulating valves very exactly.

In the measuring housing ballball balls and capillary thermometers indicate exactly reproducible values.



An adjustable sliding marking in form of an arrow indicates the desired value after an interruption. Easy cleaning. By unscrewing only one cover, the measuring housings can be simply cleaned by means of supplied brush. The connection of our controlling devices amounts to additional for the fixed connection $\frac{3}{4}$ "can angle female hose connectors for hose connector in the sizes

\varnothing 12mm

\varnothing 19mm

Of course our controls are available also as single housings with two hose connectors in \varnothing 12mm & \varnothing 10mm.

Special equipments are possible in context!

Please take all spare parts from the parts catalog.



Flow-Control

Type 500 Model 500.2

The type 500.2 ever a control in forward and reverse and is equipped with $\varnothing 10\text{mm}$ hose connection. The control units are available up to 12x. All water-carrying parts are made of high quality plastic.

The flow rate can be adjusted by sensitive regulating valves very exactly.

In the measuring housing ballball balls and capillary thermometers indicate exactly reproducible values.

An adjustable sliding marking in form of an arrow indicates the desired value after an interruption. Easy cleaning. By unscrewing only one cover, the measuring housings can be simply cleaned by means of supplied brush.

Of course our controls are available also as single housings with two hose connectors in

$\varnothing 12\text{mm}$

$\varnothing 10\text{mm}$

Special equipments are possible in context!

Please take all spare parts from the parts catalog.





Flow-Control

Type 500 Model 500.3

The type 500.3 ever a control in forward and reverse and is equipped with $\varnothing 12\text{mm}$ hose connection. The control units are available up to 12x. All water-carrying parts are made of high quality plastic.

The flow rate can be adjusted by sensitive regulating valves very exactly.

In the measuring housing ballball balls and capillary thermometers indicate exactly reproducible values.

An adjustable sliding marking in form of an arrow indicates the desired value after an interruption. Easy cleaning. By unscrewing only one cover, the measuring housings can be simply cleaned by means of supplied brush.

Of course our controls are available also as single housings with two hose connectors in

$\varnothing 12\text{mm}$

$\varnothing 10\text{mm}$

Special equipments are possible in context!

Please take all spare parts from the parts catalog.





Flow-Control

Type 500 Model 500.4

The type 500.4 ever a control in forward and reverse and is equipped with $\varnothing 10\text{mm}$ hose connection. The control units are available up to 12x. All water-carrying parts are made of high quality plastic.

The flow rate can be adjusted by sensitive regulating valves very exactly.

In the measuring housing ballball balls and capillary thermometers indicate exactly reproducible values.

An adjustable sliding marking in form of an arrow indicates the desired value after an interruption. Easy cleaning. By unscrewing only one cover, the measuring housings can be simply cleaned by means of supplied brush.

Of course our controls are available also as single housings with two hose connectors in

$\varnothing 12\text{mm}$

$\varnothing 10\text{mm}$

Special equipments are possible in context!

Please take all spare parts from the parts catalog.





Flow-Control

Type 500 Model 500.5

Type 500 with connection block R ½ "female threaded version 500.5. 500.5 The type consists of a single housing with two hose connections for Ø 12mm hose connection and one each recording block with internal thread R ½" for solid connection.





Flow-Control

Type 500 Model 500.6

Our flow control devices are available now available with automatic push-in fittings!

Advantages are:

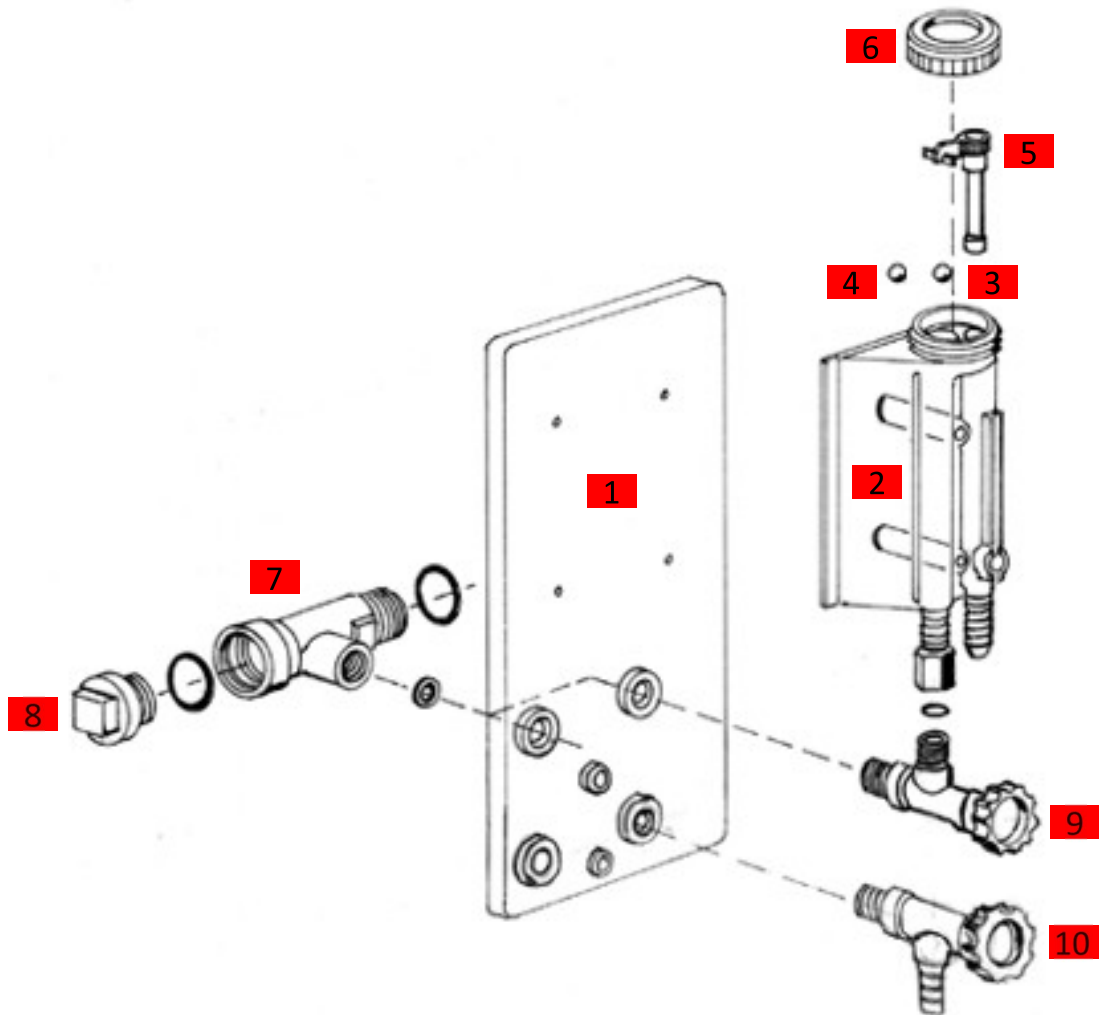
- Quick and easy installation of the connections.
- Quick exchange of connections, e.g. a defective tubes (without tools).
- A cross-sectional change is simply by the push-in fittings.



The push-in fittings suitable for plastic tubing, or Rilsan Nylon Tubes.

We can supply the push-in fittings in the following sizes:
Ø 4, Ø 6, Ø 8, Ø 10 und Ø 12 mm.

Installation Instructions



- No.1 Mounting plate
- No.2 Measuring housing
- No.3 Steel ball
- No.4 Plastic ball
- No.5 Rotary-wing use
- No.6 Cover
- No.7 Fitting
- No.8 End plugs
- No.9 Valve with chassis connection
- No.10 Valve with hose connection