



# Braukmann Z74S

Reverse rinsing actuator  
for fully automatic filter cleaning

## APPLICATION

The Z74S automatic reverse rinsing actuator provides fully automatic cleaning for all Resideo reverse rinsing filters, filter combinations and water supply units with bayonet connection. A bayonet connection enables fitting the Z74S without tools. The reverse rinsing interval is set permanently to 45 days.

The Z74S automatic reverse rinsing actuator has a safety function which prevents the ball valve from opening when the battery voltage is too low and notifies this through an acoustic signal for approx. 2 days.

## SPECIAL FEATURES

- Bayonet connection enables fitting without tools
- With locking mechanism which prevents the ball valve from opening, if the battery voltage is too low to carry out the closing
- Set during manufacture to 45 day interval
- Battery operation
- Manufactured with integral electrical suppression



## TECHNICAL DATA

| Operating temperatures  |                                                           |
|-------------------------|-----------------------------------------------------------|
| Max. water temperature: | 40 °C                                                     |
| Specifications          |                                                           |
| Battery operation:      | Three LR6-1.5 V-Mignon/AA size alkali-manganese batteries |
| Battery life:           | Approximately 1 year                                      |
| Time intervals:         | 45 days                                                   |
| Ambient conditions:     | 5 - 80 % relative humidity,<br>0 - 40 °C                  |
| Protection type:        | IP40/VDE 0470/EN 60529                                    |

## CONSTRUCTION

| Overview                                                                          |   | Components   | Materials                                   |
|-----------------------------------------------------------------------------------|---|--------------|---------------------------------------------|
|  | 1 | Housing PA66 | High-quality synthetic material, black/blue |
|                                                                                   |   |              |                                             |

## METHOD OF OPERATION

The Z74S opens or closes the ball valve according to the set time interval. The opening of the ball valve causes a differential pressure within the filter which activates the reverse rinsing function. The ball valve closes again at the end of the reverse rinsing period. Four batteries (not supplied) provide back-up protection. The batteries close the ball valve if power fails during reverse rinsing function, thus preventing unwanted water loss.

## REVERSE RINSING

Reverse rinsing duration approximately 30 sec.

Reverse rinsing quantity at 4.0 bar operating pressure.

| Filter size | Drain connection | Reverse rinsing quantity (litres) |
|-------------|------------------|-----------------------------------|
| 1/2" + 3/4" | DN50             | 12                                |
| 1" + 1 1/4" | DN70             | 15                                |
| 1 1/2" + 2" | DN70             | 18                                |

## TRANSPORTATION AND STORAGE

Keep parts in their original packaging and unpack them shortly before use.

The following parameters apply during transportation and storage:

| Parameter                       | Value                    |
|---------------------------------|--------------------------|
| Environment:                    | clean, dry and dust free |
| Min. ambient temperature:       | 0 °C                     |
| Max. ambient temperature:       | 40 °C                    |
| Min. ambient relative humidity: | 5 % *                    |
| Max. ambient relative humidity: | 80 % *                   |

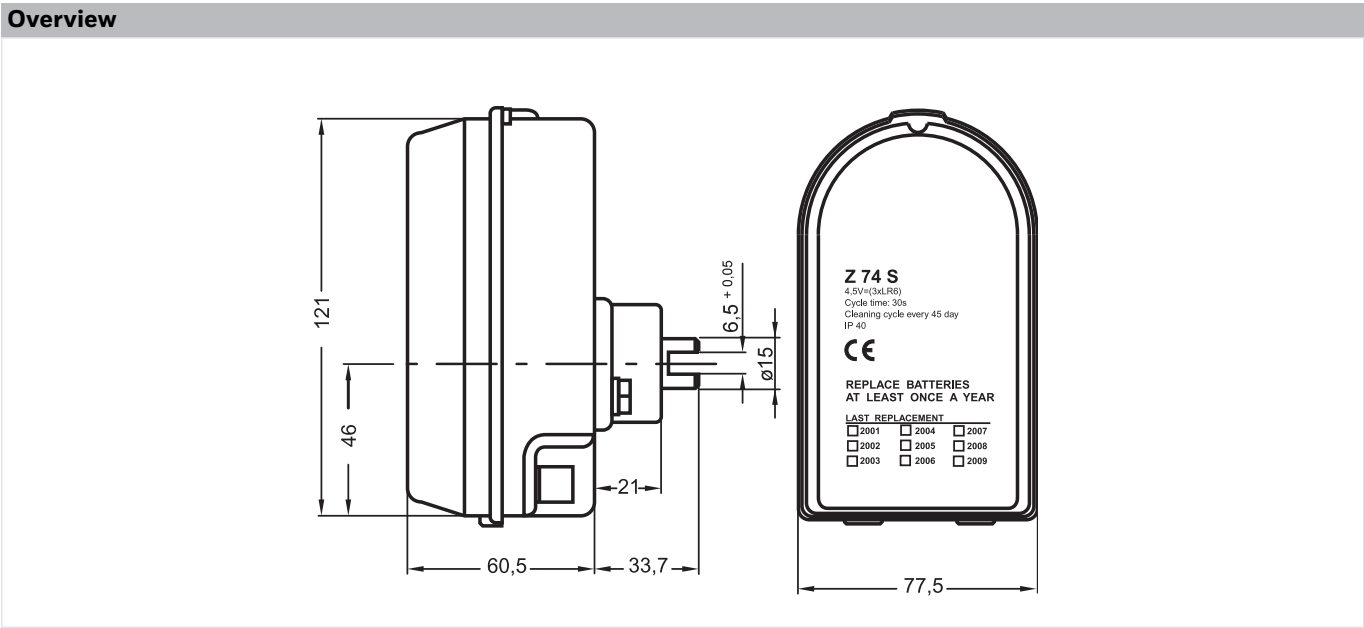
\*non condensing

## INSTALLATION GUIDELINES

### Setup requirements

- The battery charge should be checked regularly. At the latest after one year exchange the batteries with new ones
- In order to avoid flooding, it is recommended to arrange a permanent, professionally dimensioned wastewater connection

DIMENSIONS



Note: All dimensions in mm unless stated otherwise.

ORDERING INFORMATION

The following tables contain all the information you need to make an order of an item of your choice. When ordering, please always state the type, the ordering or the part number.

|                  |                         | Z74S-A |
|------------------|-------------------------|--------|
| Connection type: | with bayonet connection | •      |



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