

Technical Data

Management Computers > Backwash

> Agronic Filtros



DESCRIPTION:

Application

- Controller for automatic cleaning of filters with differentiated start and functions
- Three operation models based on the number of filters: 6, 12 and 18

Filter cleaning can be started:

- **for "pressure drop":**
activation every time the controller receives a signal from a differential pressure switch that controls the pressure drop between the inlet and the outlet of the filter as a result of accumulated dirt
- **for "volume":**
activated after a programmed volume of water has been filtered - in this case, the controller must receive signals from a volumetric pulse transmitter
- **for "working time":**
activated after a programmed time of water circulation through the filters (for which the controller must receive the corresponding external signal)
- **from a combination of "pressure drop" with "filtered volume" or "working time":**
which guarantees periodic cleaning, or if it is necessary due to an unexpected accumulation of dirt

Way of work

- Once the cleaning command has been detected, the controller will activate the various filters connected in sequence (one after the other)
- The cleaning duration of each filter can be programmed independently
- There is a set time that affects all filters in the same way - this is the pause between the filters - this time is important to restore the pressure in the network and avoid unsuitable pressures during the process
- A cleaning sequence can be started or stopped manually, as well as the start or stop of any of the outputs
- The unit can also be put to stop (deactivated)

Planning and consultation

- The user can easily program all the parameters and timing values of the controller
- The unit permanently shows the status of the system, indicating the filter that is activated; if it is on break or cleaning; the status of the inputs; if there is any output activated manually and if the controller is stopped manually
- It also provides information on the current flow rate and the units of time or volume since the last cleaning

Code	Outputs nr	Power supply	
		in	out
FER593	6	220 V AC	24 V AC
FER586	6	12 V DC	12 V DC
FER585	6	12 V DC	12 V Latch - 3 wires
FER592	12	220 V AC	24 V AC
FER584	12	12 V DC	12 V DC
FER596	12	12 V DC	12 V Latch - 3 wires
FER589	18	220 V AC	24 V AC
FER588	18	12 V DC	12 V DC
FER587	18	12 V DC	12 V Latch - 3 wires