

## ☆☆☆ **FILTRON 1-10** ☆☆☆

### The advanced modular AC / DC backflush controller

Following the tradition of the well known family of **TALGIL's** backflush controllers, the **FILTRON 1-10** offers professional features, simplicity of use and uncompromised reliability.

The **FILTRON 1-10** which is available both in **AC and DC versions** is a **modular** controller suitable for flushing **1 to 10 filters**. It is equipped with a **large customized LCD** display and only 4 keys that leave the user no room for confusion.

The **FILTRON 1-10** can be ordered with a **built-in analog DP sensor** that enables reading the actual value as well as triggering the flushing cycle by a preset value.

The **FILTRON 1-10** can also control a downstream pressure sustaining valve for the cases of systems suffering from pressure shortage.

The **FILTRON 1-10** is suitable for gravel filters, disc filters and screen filters.

#### General Features:

##### ■ **Outputs**

- The modular structure enables from 2 to 10 outputs in steps of 2
- In the DC model – 2 Wired 12V DC pulse Latching solenoids
- In the AC model – 24V AC solenoids

##### ■ **Inputs**

- Built-in analog DP sensor
- Input for external digital (dry contact) DP sensor
- Input for digital low pressure sensor

##### ■ **Modes of operation:**

- Flushing triggered by Pressure Differential only
- Flushing triggered by time only
- Flushing triggered either by Pressure Differential or by time, the one that occurs first
- Manual flushing

##### ■ **User selectable parameters:**

- Flushing time per station
- Differential pressure set point
- Flushing interval
- Main valve (Down Stream Valve) Yes / No
- Pre dwell and Dwell delay times
- DP response time
- Looping limit - consecutive back flush cycles
- Alarm output for external controller Yes / No
- Pressure units BAR or PSI

##### ■ **Logging:**

- Number of cycles triggered by time
- Number of cycles triggered by DP
- Number of cycles triggered manually

##### ■ **Alarms:**

- Endless looping of consecutive back flush cycles
- Low pressure indication
- Low battery

##### ■ **Real time displayed information:**

- Actual pressure differential value
- During the flushing process showing the active output at each stage
- Between the flushing cycles showing the left time until next cycle

##### ■ **Energizing options:**

- In the DC model - 4 standard "D" type alkaline batteries or 12V DC from external source
- In the AC model - built in 220/ 110 v AC power supply

