

## SERIAL SOLUTION

### TWO WIRE SYSTEM

## ECOSERIAL P

*The Evolution of the ECOSERIAL-1...with a lot more features.*



ECOSERIAL-P is an economizer with built-in differential pressure gauge, able to control up to 30 Remote Pilot Box modules.

It is equipped with a LCD display, through which it is possible to check, in real time, the differential pressure, the end cleaning and start cleaning thresholds, the high pressure alarm threshold, the value of DeltaP with unit of measure, the number of the last EV shot, countdown timer with seconds before the next shot, the next EV number, current operating mode, alarm messages or System OK.

The Remote Pilot Box are controlled by the central unit and, one after the other, until the last element of the series and then it starts again from the first one.

ECOSERIAL-P also features a hour-counter and cycle-counter is able to recognize the presence of the outgoing general charge and to control the charge on every single cleaning valve.

The instrument, properly connected to a GDM-1 or SDM-1 dust meter, is able to detect the broken sleeves in the cleaning filter and to visualize the number of the valve corresponding to the range of the sleeves, which caused the peak of dust's alarm.

On demand, the instrument can be equipped with a 4-20mA or serial RS 485 outputs, to communicate with PCs or PLCs.

It is available both for external installation and on the control panel's front door.

### PRODUCT CERTIFICATIONS

STANDARD



OPZIONALI



### TECHNICAL SPECIFICATIONS

Main Features	Features	Values
Dimensions	External Dimensions ( L x H x W mm )	189x103x76,7
Protection	Protection Level (standard)	Panel Installation IP56
Temperature	Working Temperature (°C)	-10... +60
Power Supply	Power Supply Range (standard)	90-270Vac 50-60Hz
	Power Supply Range (optional)	24Vac/Vdc
	Power Consumption	40W

**TECHNICAL SPECIFICATIONS**

Main Features	Features	Values
Display	Display Type	LCD
	Resolution	128x64
	Display Color (standard)	Amber
Inputs	Digital Inputs (nr)	5 opto-isolated inputs
	Pressure Input	ok
	Pressure Range	-99/+999mmH2O
Outputs	Relay Outputs (nr)	4
	Relay Output Power	10A/250Vac, 10A/30Vdc, 5A/250Vac, 5A/24Vdc
	4-20mA Output	optional
Functions	Cyclic Management	ok
	Delta Pressure Management	ok
	Customizing Cycles	ok
	Remote Start/Stop	ok
	Autopause	ok
	Precoating	ok
	Post-cleaning	ok
	Cleaning cycle	ok (standard)
	Broken Coil Control	ok
	Broken Bag Control with D.Probe	ok
Serial Ports	RS485	optional
System	Maximum Driver Managed	26 RPB
	Type	MASTER
	Type of driver connectable	RPB
	Type of control driver	BUS
Controls	Buttons (nr)	10
Application	Type	Dust collectors

## DIMENSIONAL LAY-OUT

