



## SERIAL SOLUTION

### ADVANCED SERIAL SYSTEM

# ECOSERIAL 3

*The most complete, flexible, versatile and advanced controller for the management of large plants.*

The Ecoserial3 is a device created for the management of the most complex and articulated filters. These plants usually require a considerable flexibility in the control of all the working parameters. The controller commands new generation pneumatic pilot boxes, called RPA-612..

Ecoserial3 has three serial port RS485 isolated and independent, to which it is possible to connect up to 64 RPAs, a PLC for data monitoring and a GDM-1 instrument for dust emission monitoring. Ecoserial3 and RPA communicate through line RS485 with a modbus protocol RTU. The user can manage the clearing cycle "in situ", or rather directly on the interface panel Ecoserial 13 or with a remote system, through line RS485 with protocol Modbus.

### PRODUCT CERTIFICATIONS

STANDARD



## TECHNICAL SPECIFICATIONS

Main Features	Features	Values
Dimensions	External Dimensions ( L x H x W mm )	254x200x135
	Weight (kg)	2,6
Protection	Protection Level (standard)	M IP55 / F IP56
Temperature	Working Temperature (°C)	-20... +60 vers.CE (OPT -40°C), -40... +65 vers. UL
Power Supply	Power Supply Range (standard)	90-270Vac 50-60Hz
	Power Consumption	10W
Display	Display Type	LCD
	Resolution	128x64
	Display Color (standard)	yellow-green
Inputs	Digital Inputs (nr)	4 opto-isolated inputs
	Pressure Input	ok
	Pressure Range	0/+9999mmH2O, 0/+9999Pa, 0/+9.999kPa, 0/+99.99mBar
	Analog Input	optional


**TECHNICAL SPECIFICATIONS**

Main Features	Features	Values
Outputs	Relay Outputs (nr)	4
	Relay Output Power	8A/270Vac
	4-20mA Output	optional
Functions	Cyclic Management	ok
	Delta Pressure Management	ok
	Customizing Cycles	ok
	Remote Start/Stop	ok
	Autopause	ok
	Post-cleaning	ok
	Cleaning cycle	ok (custom)
	Coils can be activated simultaneously for each output (nr)	128
	Broken Coil Control	ok
	Broken Valve Control	ok
	Pressure Tank Control	ok
	Broken Bag Control with D.Probe	ok (advanced)
SMS Remote Control	ok	
Serial Ports	RS485	ok
System	Maximum Driver Managed	64 RPA / 16 RPC
	Type	MASTER
	Type of driver connectable	RPA/RPC
	Type of control driver	SERIAL
	Management cell	ok
Controls	Buttons (nr)	4
Application	Type	Big Process dust collectors

DIMENSIONAL LAY-OUT

