



# SEQUENCERS FOR DUST COLLECTOR SYSTEMS

$\Delta P$  control via internal pressure sensor  
for the control of up to 48 solenoid valves



Series  
**E909**

## FEATURES

- Electronic controller for the control of solenoid valves in dust collector systems
- Integral  $\Delta P$  sensor for ON/OFF filter cleaning cycles
- Microprocessor management
- Standard supply voltage and output voltage selectable via jumper
- 3 programming keys
- 3 digit LED display
- Adjustable pulse and interval times
- Automatic detection of number of valves
- Additional post-cleaning cycle mode
- High immunity from external interference
- Short-circuit protection of every single output
- 1 output relay (e.g. group alarm), 2 digital inputs (volt-free)



## CONSTRUCTION

**Housing** ABS (acryl nitrile butadiene styrene), grey  
**Cover** PC (polycarbonate), transparent

## ELECTRICAL CHARACTERISTICS

**Standard supply voltage** AC (~) 230/115 V

**Output voltage** DC (=) 24 V

Other voltages on request.

max. load power per output (W)	ambient- temperature (°C)	electrical enclosure protection
25	-10 to 60	IP65

## SPECIFICATIONS

number of solenoid valves	adjustable pulse time	adjustable interval time	tube connection for $\Delta P$ sensor	size	catalogue number
	sec.	sec.	Ø mm		
4	0,05 - 5,0	1 - 999	6/4	1	E909BB4MU1.3
8					E909BB8MU1.3
12					E909BB12MU1.3
16					E909BB16MU1.3
20				2	E909BB20MU1.5
24					E909BB24MU1.5
28					E909BB28MU1.5
32					E909BB32MU1.5
36				3	E909BB36MU1.6
40					E909BB40MU1.6
44					E909BB44MU1.6
48					E909BB48MU1.6

### OPTIONS (on request)

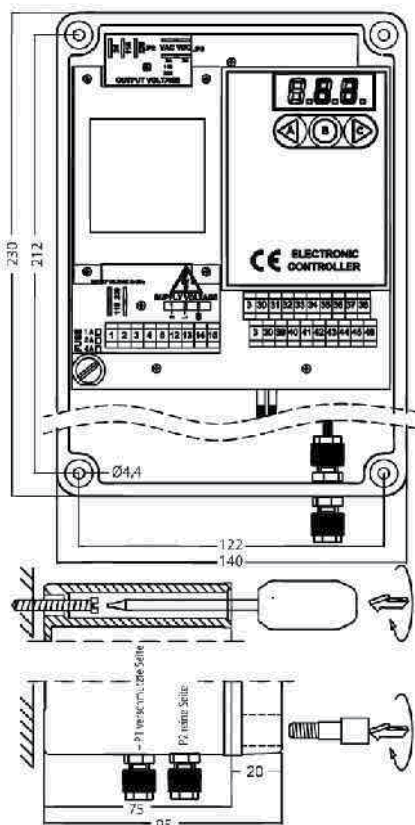
- Other voltage ratings, other housings and devices with ATEX approval

### INSTALLATION

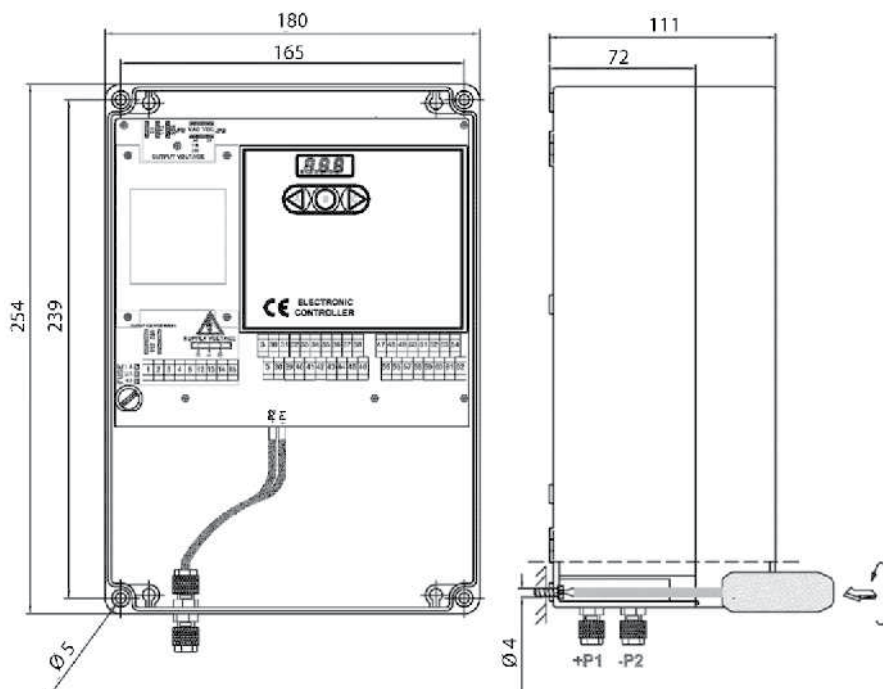
- Installation/maintenance instructions are included with each sequencer

### DIMENSIONS (mm), WEIGHTS

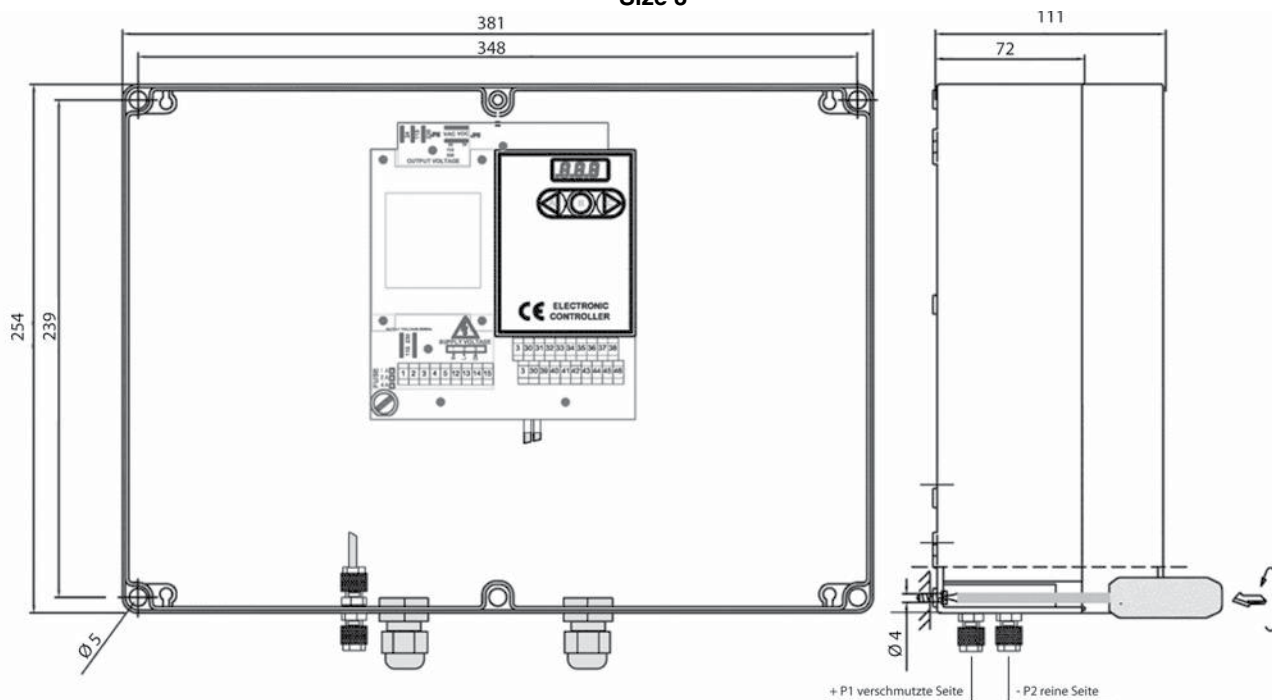
Size 1



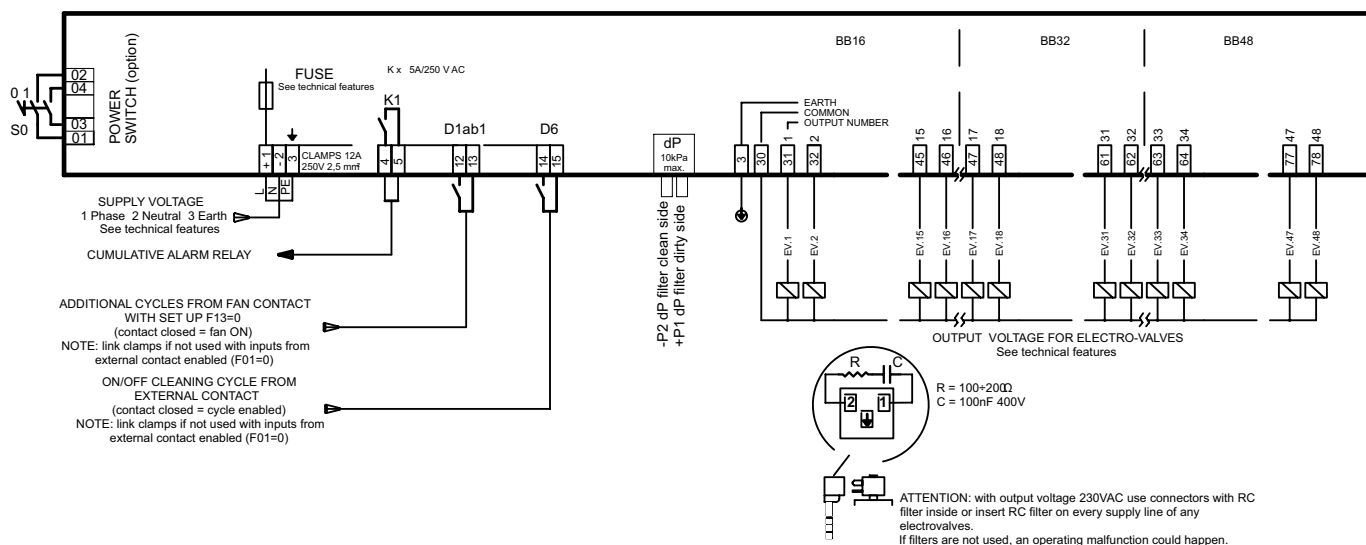
Size 2



Size 3



### WIRING DIAGRAM





# SEQUENCERS FOR DUST COLLECTOR SYSTEMS

without internal  $\Delta P$  pressure sensor  
for the control of up to 48 solenoid valves



Series  
**E909**

## FEATURES

- Electronic controller for the control of solenoid valves in dust collector systems
- ON/OFF filter cleaning cycle from external switch
- Microprocessor management
- Supply and output voltage selectable via jumper
- 3 programming keys
- 3 digit LED display
- Adjustable pulse and interval times
- Automatic detection of number of valves
- Additional post-cleaning cycle mode
- High immunity from external interference
- Short-circuit protection of every single output
- 1 output relay (e.g. group alarm), 2 digital inputs (volt-free)



## CONSTRUCTION

**Housing** ABS (acryl nitrile butadiene styrene), grey  
**Cover** PC (polycarbonate), transparent

## ELECTRICAL CHARACTERISTICS

**Standard supply voltage** AC ( $\sim$ ) 230/115 V

**Output voltage** DC ( $=$ ) 24 V

Other voltages on request.

max. load power per output (W)	ambient temperature (°C)	electrical enclosure protection
25	-10 to 60	IP65

## SPECIFICATIONS

number of solenoid valves	adjustable pulse time	adjustable interval time	size	catalogue numer
	sec.	sec.		
4	0,05 - 5,0	1 - 999	1	E909PB4MU1.2
8				E909PB8MU1.2
12			2	E909PB12MU1.3
16				E909PB16MU1.3
20			3	E909PB20MU1.5
24				E909PB24MU1.5
28				E909PB28MU1.5
32				E909PB32MU1.5
36			4	E909PB36MU1.6
40				E909PB40MU1.6
44				E909PB44MU1.6
48				E909PB48MU1.6

### OPTIONS (on request)

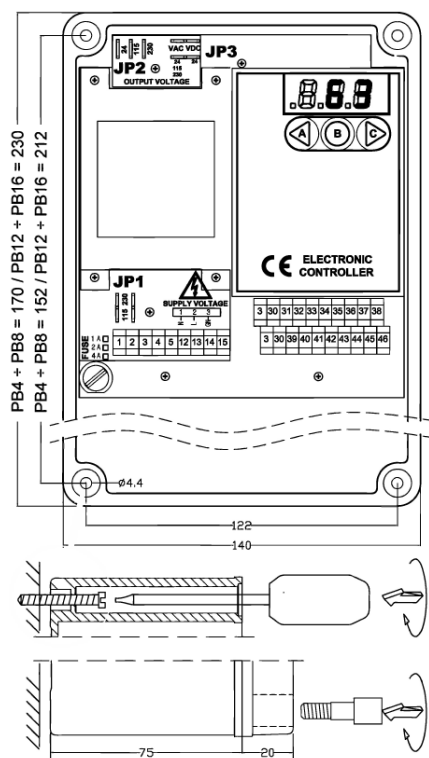
- Other voltage ratings, other housings and devices with ATEX approval

### INSTALLATION

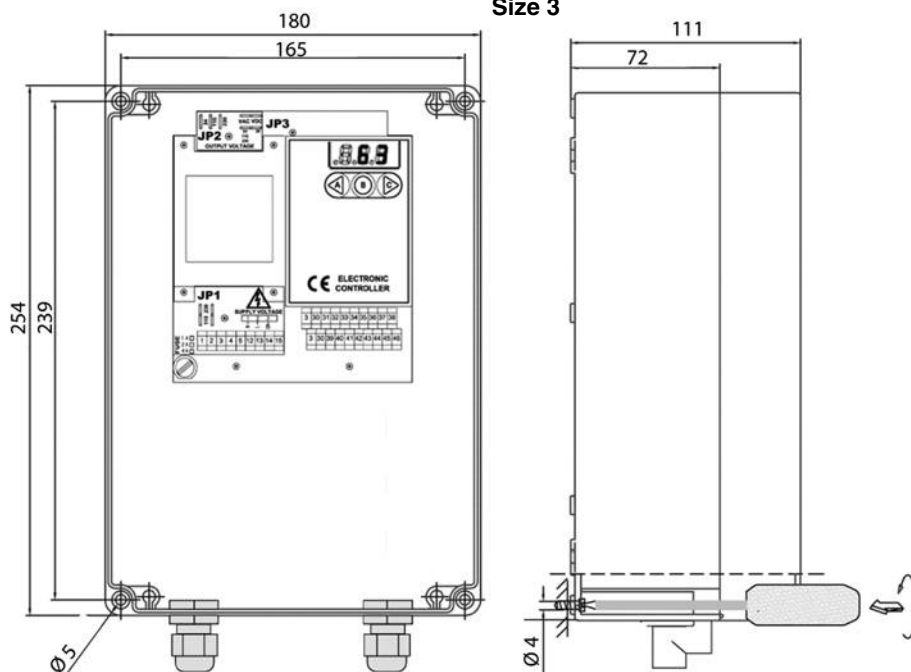
- Installation/maintenance instructions are included with each sequencer

### DIMENSIONS (mm), WEIGHTS

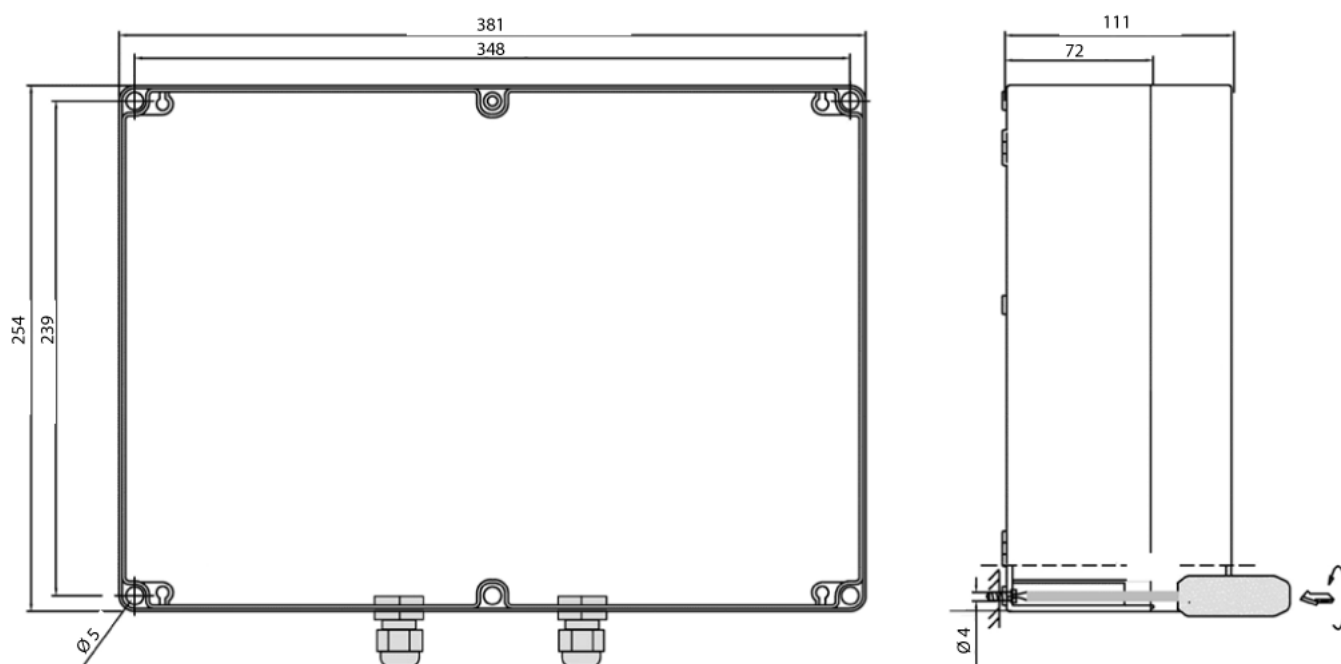
Sizes 1 and 2



Size 3



Size 4



### WIRING DIAGRAM

