

Sequencers for Dust Collector Systems

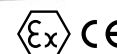
ΔP control via internal pressure sensor for the control of up to 48 solenoid valves



Series
E909DC

Features

- Electronic controller for the control of solenoid valves in dust collector systems
- Integral ΔP sensor for ON/OFF filter cleaning cycles
- Microprocessor management
- Standard supply voltage and output voltage selectable via jumper
- 5 programming keys
- Alphanumeric display, multilingual
- 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
- 3 output relay (e.g. group alarm), 3 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	ambient temperature	electrical enclosure protection
(W)	(°C)	
25	–10 to 50	IP65

Specifications

Number of solenoid valves ⁽¹⁾	Adjustable pulse time	Adjustable interval time	tube connection for ΔP sensor	Size	Catalogue number
	sec.	sec.	Ø mm		
4	0,05 – 5,0	1 – 999	6/4	1	E909DC4MU7.4
8					E909DC8MU7.4
12					E909DC12MU7.4
16					E909DC16MU7.4
24				2	E909DC24MU7.2
32					E909DC32MU7.2
48				3	E909SC48MU9.25

(1) up to 192 valves on request.

Options (on request)

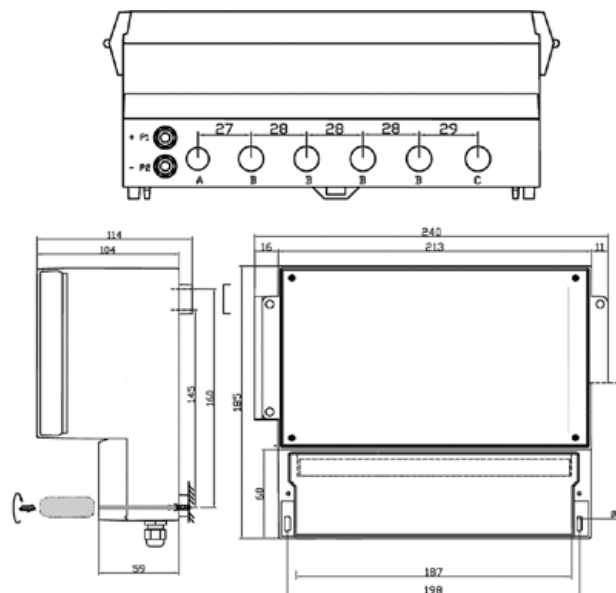
- Other voltage ratings, other housings and devices with ATEX approval

Installation

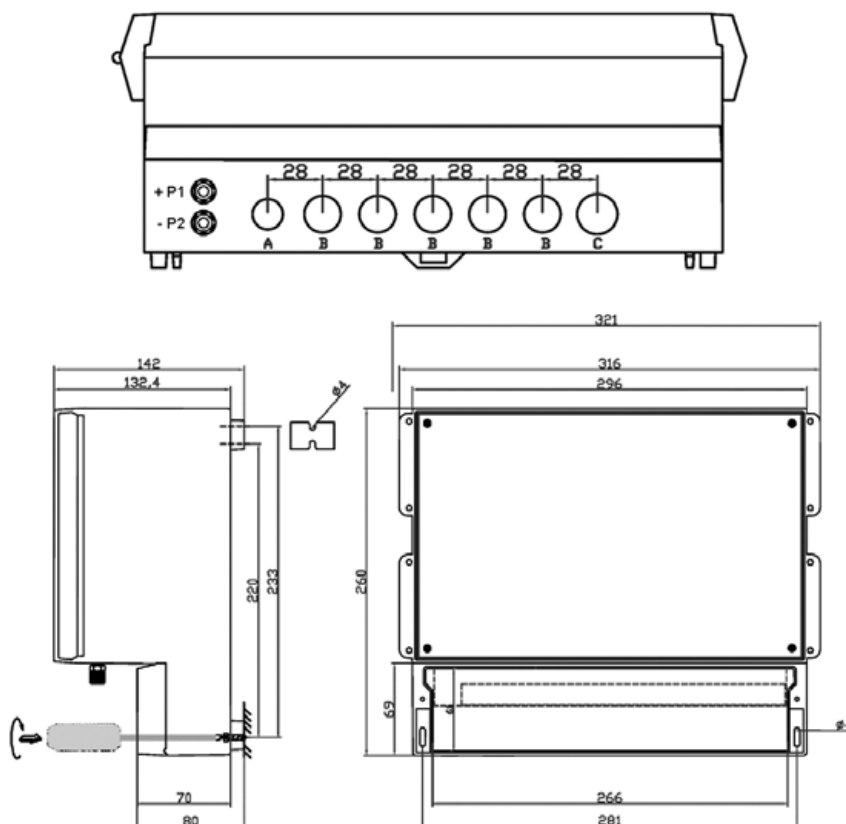
- Installation/maintenance instructions are included with each sequencer

Dimensions (mm), Weights

Size 1



Size 2



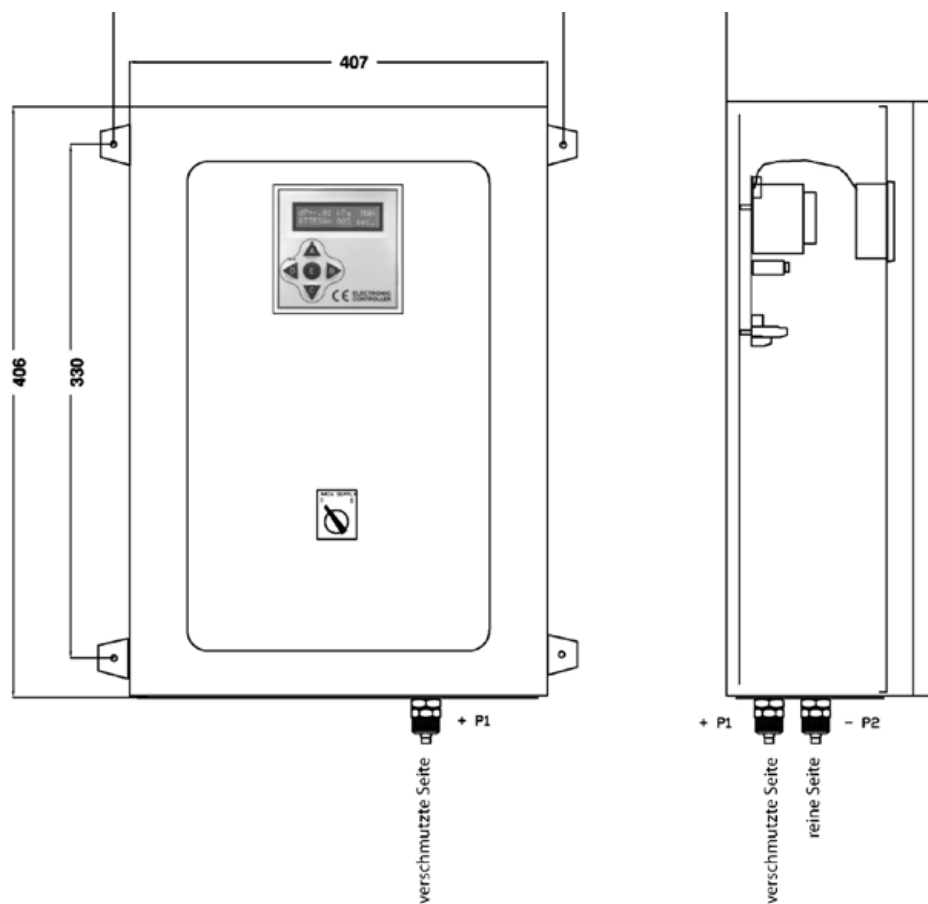
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Dimensions (mm), Weights

Size 3



Wiring Diagram

