

83491xx.0000.xxxxx

Valve controllers for industrial filters

- Solenoid valve controller for the time- or differential pressure-dependent control of solenoid valves in industrial dust extraction technology
- Up to 64 valves are controlled with the base unit and three expansion units
- The valves are activated sequentially and are not chamber-oriented
- They are monitored for excess current and interruption

Technical Data

Power supply:

100 ... 240 V a.c.,
50 - 60 Hz or 24 V d.c.

Current consumption:

30 VA

Operating temperature:

-20 ... +50°C (-4 ... 122°F)

Ex area 22:

-20 ... +40°C (-4 ... 104°F)

Valve outputs:

16 (with extensions max. 64)

Displays:

7-segment display

3-digit, 14 mm height, white

Control elements:

5 function keys

Versions:

0 valves, control unit only

without analogue input

16 valves without analogue input

0 valves, control unit only

with analogue input

16 valves with analogue input

Extension unit 16 valves

Electrical connection:

Push-in-spring clamp terminals

Valve current:

1 A

Analogue input:

4 ... 20 mA

Incl. sensor supply

Digital input:

Start, recleaning and

fault acknowledgement

Relay output:

1 change-over contact

Contact load 250 V AC, 5 A

Interfaces:

RJ10 for PC configuration

Approval:

Ⓢ II 3D Ex tc IIIC T135°C DC IP65

Measurements:

231 x 125 x 90 mm



Master-Version without Δp



Master-Version prepared for Δp



Slave-Version



● Technical data - standard models

Description	Model Input voltage in 24 V d.c.	Model Input voltage in 100 ... 240 V a.c.
Master-Version without Δp and without valve outputs	8349100.0000.02400	8349100.0000.23059
Master-Version without Δp	8349110.0000.02400	8349110.0000.23059
Master-Version prepared for Δp	8349120.0000.02400	8349120.0000.23059
Δp	8349900.0000.00000	8349900.0000.00000
Slave-Version	8349150.0000.02400	-

● Accessories

Description	Model
Connection set 3 × M32 × 1.5 with multiple sealing insert for 6 lines 3 × M16 × 1.5 for supply and communication	1700934.0000.00000
Connection cable for extension unit	On request

834950x.8274.xxxxx

Valve controllers for industrial filters

- Solenoid valve control for solenoid valves in industrial dust removal technology according to a time control or a differential pressure limit
- Controls up to 8 valves
- Valves are activated in sequence and monitored for overcurrent or disruption
- Differential pressure is measured directly by the control system, an external sensor is therefore unnecessary

Technical Data

Power supply:

100 ... 240 V a.c.,
50 - 60 Hz or 24 V d.c.

Current consumption:

30 VA

Operating temperature:

-20 ... +50°C (-4 ... 122°F)

Ex area 22:

-20 ... +40°C (-4 ... 104°F)

Valve outlets:

Max. 8

Displays:

7-segment display

3-digit, 14 mm height, white

Control elements:

5 function keys

Settings:

Pulse and pause duration, number of valves, special cleaning cycles and full or partial cycle, p-measurement range, high and special cleaning threshold

Electrical connection:

Push-in-spring clamp terminals

Valve current:

1 A

Analogue input:

4 ... 20 mA

Digital input:

Start, recleaning, enable

Relay output:

1 x change-over contact,
Contact load 250 V AC, 5 A

Interfaces:

RJ10 for

PC-configuration

Measuring range:

Max. 40 mbar
(100 resp. 500 mbar
on request)

Dust removal:

Time-controlled without
p-evaluation or automatic via
integrated p-measurement

Special cleaning:

Start via tactile contact or adjustable
differential pressure threshold

Approval:

Ⓢ II 3D Ex tc IIIC T135°C DC

Measurements:

271 x 170 x 120 mm



● Technical data - standard models

Number of valves	Description	Model Input voltage in 24 V d.c.	Model Input voltage in 230 V a.c.
2	Master-Version with Δp	8349502.8274.02400	8349502.8274.23050
3	Master-Version with Δp	8349503.8274.02400	8349503.8274.23050
4	Master-Version with Δp	8349504.8274.02400	8349504.8274.23050
5	Master-Version with Δp	8349505.8274.02400	8349505.8274.23050
6	Master-Version with Δp	8349506.8274.02400	8349506.8274.23050
7	Master-Version with Δp	8349507.8274.02400	8349507.8274.23050
8	Master-Version with Δp	8349508.8274.02400	8349508.8274.23050

● Accessories

Description	Model
Cable glands 3 x M32 and 2 x M16 incl. multiple sealing insert	1700934.0000.00000
Connection cabel for extension unit	On request

8349500.0000.xxxxx

Valve controllers for industrial filters

- Solenoid valve control for solenoid valves in industrial dust removal technology according to a time control or a differential pressure limit
- Controls up to 8 valves
- Valves are activated in sequence and monitored for overcurrent or disruption
- Differential pressure is measured directly by the control system, an external sensor is therefore unnecessary

Technical Data

Power supply:

100 ... 240 V AC,
50 - 60 Hz or 24 V d.c.

Current consumption:

30 VA

Operating temperature:

-20 ... +50°C (-4 ... 122°F)

Ex area 22:

-20 ... +40°C (-4 ... 104°F)

Valve outlets:

Max. 8

Displays:

7-segment display

3-digit, 14 mm height, white

Control elements:

5 function keys

Settings:

Pulse and pause duration,
number of valves,
special cleaning cycles
and full or partial cycle,
p-measurement range,
high and special cleaning threshold

Electrical connection:

Push-in-spring clamp terminals

Valve current:

1 A

Analogue input:

4 ... 20 mA

Digital input:

Start, recleaning, enable

Relay output:

1 x change-over contact,
Contact load 250 V AC, 5 A

Interfaces:

RJ10 for PC-configuration

Measuring range:

Max. 40 mbar
(100 resp. 500 mbar on request)

Dust removal:

Time-controlled without
p-evaluation or automatic via
integrated p-measurement

Special cleaning:

Start via tactile contact or adjustable
differential pressure threshold

Approval:

Ⓢ II 3D Ex tc IIIC T135°C DC IP65

Measurements:

340 x 150 x 100 mm



● Technical data - standard models

Description	Description	Model Input voltage in 24 V d.c.	Model Input voltage in 230 V a.c.
1-8	Master-Version with Δp	8349500.0000.02400	8349500.0000.23050

● Accessories

Description	Model
Cable glands 2 × M32 with multiple sealing insert for 6 cables with 6mm diameter and 3 × M16 for supply and communication	1700934.0000.00000