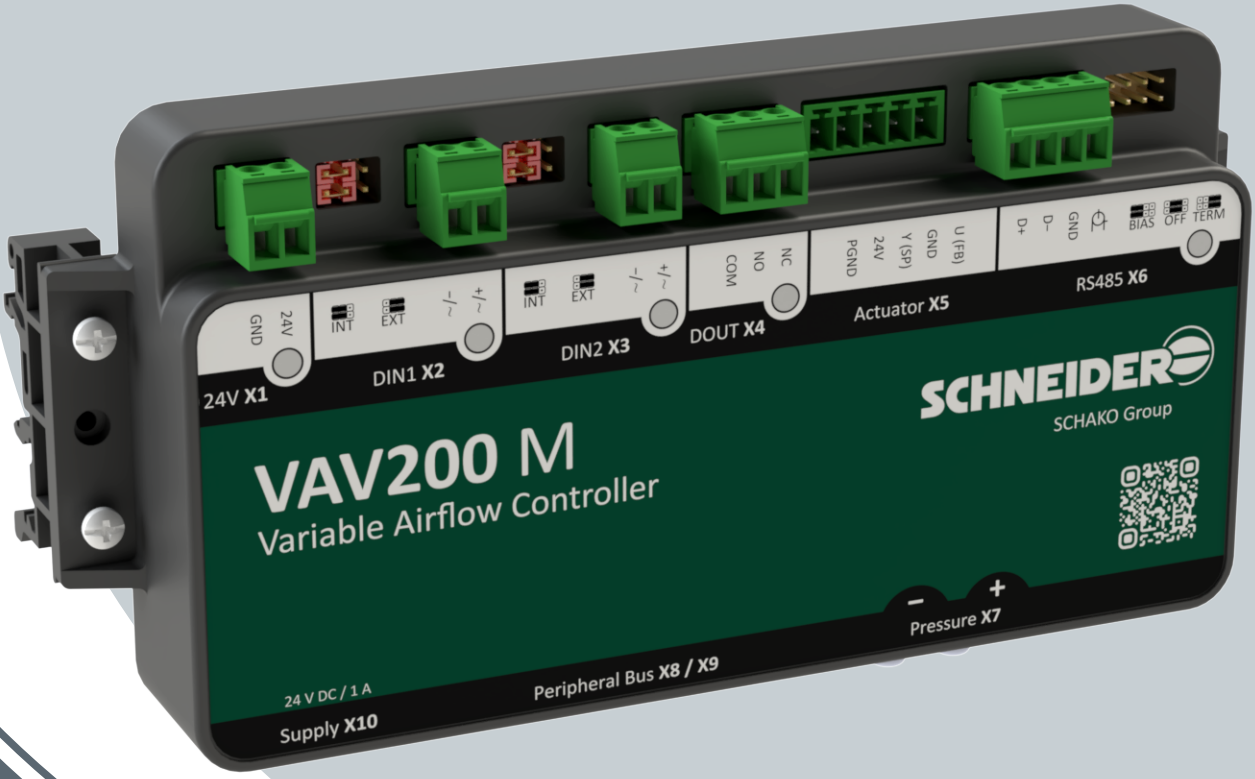

Configuration Values

Variable Air Volume Controller

VAV200

SCHNEIDER

SCHAKO Group

General Information

Device Type Variable Air Volume Controller VAV200

Firmware Version VAV200 1.1a

Firmware Release Date 2025-10-13

This document lists all configuration and display values that can be read or configured via the service interface of the VAV200. The visibility of values may depend on several factors. In general, entries that are rarely required are hidden by default. These can be identified by the *Expert Setting* symbol. To make them visible, activate Expert Mode in the settings of the PC4500.

The type of each parameter can be identified by the symbol preceding it.

Standard. Basic configuration for commissioning.
Advanced. Configuration or display values that are less frequently required.
Expert. These values normally remain unchanged in all standard applications.

In addition, individual parameters or entire groups may be hidden in the configuration software depending on the state of other values. For example, configuration parameters of analog interfaces only appear if these interfaces are present and active in the respective device variant. If such dependencies exist, they are indicated for the corresponding parameter.

Example:

> Availability depends on **Other Parameter**.

1 Present Values

1.0.1 Volume Flow

The current volume flow, determined from the current differential pressure.

1.0.2 Pressure

The current differential pressure, measured with the integrated differential pressure sensor.

Resolution 0.01 Pa

1.0.3 Damper State

Current Damper State

Availability depends on **Actuator Type**.

Disconnected *(Default Value)*	The damper actuator is not connected.
Blocked	The damper is blocked.
Steady	The damper position ist currently stable.
Opening	The damper is currently opening.
Closing	The damper is currently closing.
Fully Opened	The damper is completely opened.
Fully Closed	The damper is completely closed.
Limit Min	The damper is at the lower limit.
Limit Max	The damper is at the upper limit.

1.0.4 Damper Position

The current damper position.

1.0.5 Fan Speed

Current fan speed.

Availability depends on **Actuator Type**.

1.0.6 DIN 1 Value

The current status of digital input 1.

LOW *(Default Value)*

HIGH

1.0.7 DIN 2 Value

The current status of digital input 2.

LOW *(Default Value)*

HIGH

1.0.8 Relay 1 State

Current state of relay 1

LOW *(Default Value)*

HIGH

1.0.9 Analog Interface 1

The current voltage at the analog interface 1.

Resolution 0.001 V

1.0.10 Analog Interface 2

The current voltage at the analog interface 2.

Resolution 0.001 V

1.0.11 Alarm

Current alarm state of the Device (active or inactive)

Inactive *(Default Value)*

Active

1.0.12 Operating Mode

Displays the current operating mode (Day, Night, Override, Off).

Day *(Default Value)*
Night
Override
Off

2 Operating Mode

2.1 General

2.1.1 Startup Mode

Defines the operating mode in which the device starts operating after a restart - for example, due to a power failure.

Previous State	Starts in the last operating mode before restarting the device.
Day *(Default Value)*	
Night	
Override	
Off	

2.1.2 Follow Room Operating Mode

Determines how the local operating mode follows the room operating mode.

Never *(Default Value)*	The local operating mode never follows the room operating mode.
Always Permanent	The local operating mode always follows the room operating mode permantent (local operating mode can not been different from room operating mode).
All Change Events	The local operating mode always follows the changes of the room operating mode.
Night Change Event	The local operating mode follows the changes of the room operating mode in night.

2.2 Day

2.2.1 Actuator Mode Day

Determines the function of the actuator in the operating mode day.

Stop (Freeze)	The current actuator position is retained. No control takes place!
Control *(Default Value)*	The actuator is controlled by the control system. Depending on the configured control type, the setpoint volume flow or face velocity is controlled.
Close Completely	The actuator is closed completely (without consideration of actuator limits).
Open Completely	The actuator is opened completely (without consideration of actuator limits).
Lower Limit	The actuator is closed down to the lower actuator limit.
Upper Limit	The actuator is opened up to the upper actuator limit.
Modbus	The actuator position is determined by the Modbus data point.
Swing	The actuator alternately opens completely and closes completely (for testing purposes).

2.3 Night

2.3.1 Actuator Mode Night

Determines the function of the actuator in the operating mode night.

Stop (Freeze)	The current actuator position is retained. No control takes place!
Control *(Default Value)*	The actuator is controlled by the control system. Depending on the configured control type, the setpoint volume flow or face velocity is controlled.
Close Completely	The actuator is closed completely (without consideration of actuator limits).
Open Completely	The actuator is opened completely (without consideration of actuator limits).
Lower Limit	The actuator is closed down to the lower actuator limit.
Upper Limit	The actuator is opened up to the upper actuator limit.
Modbus	The actuator position is determined by the Modbus data point.
Swing	The actuator alternately opens completely and closes completely (for testing purposes).

2.3.2 Endless Night Mode Duration

Determines whether the night operating mode can be active endlessly (adjustable duration or endless).

Adjustable Duration

Endless *(Default Value)*

2.3.3 Night Mode Duration

Night operating mode is deactivated after the night mode duration has elapsed. Only if night operating mode endless is configured to 'Adjustable duration'.

Availability depends on **Endless Night Mode Duration**.

Minimum 0 min
Maximum 5999 min
Default Value 480 min

2.4 Override

2.4.1 Actuator Mode Override

Determines the function of the actuator in the operating mode override.

Stop (Freeze)	The current actuator position is retained. No control takes place!
Control *(Default Value)*	The actuator is controlled by the control system. Depending on the configured control type, the setpoint volume flow or face velocity is controlled.
Close Completely	The actuator is closed completely (without consideration of actuator limits).
Open Completely	The actuator is opened completely (without consideration of actuator limits).
Lower Limit	The actuator is closed down to the lower actuator limit.
Upper Limit	The actuator is opened up to the upper actuator limit.
Modbus	The actuator position is determined by the Modbus data point.
Swing	The actuator alternately opens completely and closes completely (for testing purposes).

2.4.2 Endless Override Mode Duration

Determines whether the override operating mode can be active endlessly (adjustable duration or endless).

Adjustable Duration *(Default Value)*

Endless

2.4.3 Override Mode Duration

Once the maximum override duration has elapsed, the override operating mode is deactivated. Only if operating mode Override endless is configured to Adjustable duration.

Availability depends on **Endless Override Mode Duration** .

Minimum 0 min
Maximum 5999 min
Default Value 60 min

2.4.4 Override Priority

Determines the priority of the override operating mode in comparison to the night operating mode.

Above 'Night' *(Default Value)*

Below 'Night'

2.5 Off

2.5.1 Actuator Mode Off

Determines the function of the actuator in the operating mode off.

Stop (Freeze)	The current actuator position is retained. No control takes place!
Control	The actuator is controlled by the control system. Depending on the configured control type, the setpoint volume flow or face velocity is controlled.
Close Completely *(Default Value)*	The actuator is closed completely (without consideration of actuator limits).
Open Completely	The actuator is opened completely (without consideration of actuator limits).
Lower Limit	The actuator is closed down to the lower actuator limit.
Upper Limit	The actuator is opened up to the upper actuator limit.
Modbus	The actuator position is determined by the Modbus data point.

Swing	The actuator alternately opens completely and closes completely (for testing purposes).

3 Control

3.1 General

3.1.1 Control Type

It is essential to ensure that all components and sensors required for the selected control type are connected and that the corresponding setpoints have been programmed.

Volumeflow Control *(Default Value)*	The current volume flow, determined from the current differential pressure.
Room Pressure Control	Control of constant room pressure. With: differential pressure sensor
Duct Pressure Control	Control of constant duct pressure. With: differential pressure sensor

3.1.2 Air Duct Type

Specifies whether the controller is installed in a supply air or exhaust air duct. This information is required for both control purposes and for transmission to the balancing device.

Supply *(Default Value)*	The device is mounted on an air suplly duct
Exhaust	The device is mounted on an air exhaust duct

3.1.3 Setpoint Source

Determines from which source the setpoint should be obtained.

Configuration *(Default Value)*

Modbus

Analog

3.2 Volume Flow Calculation

3.2.1 Constant of measuring unit (C-Value)

The C-Value is used when calculating the volume flow from a differential pressure, with the formula below.

$$\dot{V} = c\sqrt{\frac{\Delta p}{\rho}}$$

Minimum 0.1

Maximum 4999.9

Default Value 96.0

Resolution 0.1

3.2.2 Air Density

The air density Rho is required to calculate the volume flow, see Constant of measuring unit (C-Value).

Minimum 0.50 kg/m³

Maximum 2.00 kg/m³

Default Value 1.20 kg/m³

Resolution 0.01 kg/m³

3.2.3 Pressure Volume Flow

The current differential pressure for the volume flow calculation, measured with the integrated differential pressure sensor.

Resolution 0.01 Pa

3.2.4 Volume Flow

The current volume flow, determined from the current differential pressure.

3.3 Actuator

3.3.1 Actuator Type

Determines the actuator type (damper, fan or no actuator).

Damper *(Default Value)*	A damper motor as an actuator.

Fan	A fan as actuator. Controlled via analog output with 'Frequency Converter' function.
None	No actuator selected. The device only monitors the configured setpoints.

3.3.2 Slope Time Upwards

The ramp-up time determines the minimum time the high speed actuator needs to open the control damper from 0 % to 100 %. The ramp time does not determine the control speed but limits the maximum speed of the control damper movement.

Minimum 3 s
Maximum 99 s
Default Value 3 s

3.3.3 Slope Time Downwards

The ramp-down time determines the minimum time the high speed actuator needs to close the control damper from 100 % to 0 %. The ramp time does not determine the control speed but limits the maximum speed of the control damper movement.

Minimum 3 s
Maximum 99 s
Default Value 5 s

3.3.4 Upper Limit

The upper actuator limit is the highest actuator position which may be approached during the control process.

Minimum 0 %
Maximum 100 %
Default Value 100 %

3.3.5 Lower Limit

The lower actuator limit is the lowest actuator position which may be approached during the control process.

Minimum 0 %
Maximum 100 %
Default Value 0 %

3.3.6 Damper State

Current Damper State

Availability depends on **Actuator Type**.

Disconnected *(Default Value)*	The damper actuator is not connected.
Blocked	The damper is blocked.
Steady	The damper position ist currently stable.
Opening	The damper is currently opening.
Closing	The damper is currently closing.
Fully Opened	The damper is completely opened.
Fully Closed	The damper is completely closed.
Limit Min	The damper is at the lower limit.
Limit Max	The damper is at the upper limit.

3.3.7 Damper Position

The current damper position.

Availability depends on **Actuator Type**.

3.3.8 Fan Speed

Current fan speed.

Availability depends on **Actuator Type**.

3.4 Alarm

3.4.1 Alarm State

Current alarm state of the Device (inactive, pending, active or silenced)

None *(Default Value)*	The alarm is inactive.
Pending	An alarm source reports an alarm, the alarm delay has not yet expired.
Active	The alarm is active.
Silenced	The alarm is active, but silenced.

3.4.2 Alarm Delay Air

An alarm is triggered as soon as the actual value of the controlled variable has been outside the alarm limits for the time set here.

Minimum 1 s
Maximum 60 s
Default Value 10 s

3.4.3 Alarm Delay External

An alarm is triggered as soon as a digital input with the external alarm function is active for the time set here.

Minimum 1 s
Maximum 60 s
Default Value 10 s

3.4.4 Control Freezed Alarm

Determines whether the control freezed alarm is activated or not. This alarm is active when the pressure control is freezed by a door contact or via Modbus for longer than the configured time.

Disabled *(Default Value)*

Enabled

3.4.5 Alarm Delay Control Freezed

Determines the time that the pressure controller must be stopped in order for a control freezed alarm to be triggered.

Availability depends on **Control Freezed Alarm** .

Minimum 0 s
Maximum 900 s
Default Value 60 s

3.4.6 Start Alarm Delay

After switching on the VAV200 variable air volume controller, only visual but no acoustic alarms are triggered within the time configured here.

Minimum 5 s

Maximum 900 s

Default Value 30 s

3.4.7 Endless Buzzer Duration

Determines whether the buzzer duration can be endless.

Adjustable Duration *(Default Value)*

Endless

3.4.8 Max Buzzer Duration

The maximum time after which the acoustic alarm is deactivated. Only if buzzer duration endless is configured to 'Adjustable duration'.

Availability depends on **Endless Buzzer Duration** .

Minimum 0 s

Maximum 900 s

Default Value 60 s

3.5 Volume Flow

3.5.1 Control Factor

Determines the control speed of the volume flow controller. Higher values accelerate the control function, but also increase the risk of overshoot. Lower values lead to slower control, which is more stable in return.

Minimum 0.0001

Maximum 0.9999

Default Value 0.0060

Resolution 0.0001

3.5.2 Control Bias

The control bias of the volume flow controller determines how strongly the controller is slowed down within a close range of the setpoint. Small values lead to increased deceleration. A bias of 0.5 corresponds to a uniform speed independent of the control deviation.

Minimum 0.0001
Maximum 0.6000
Default Value 0.2000
Resolution 0.0001

3.5.3 Deadband Auto

Determines whether the deadband should be determined automatically.

Manual *(Default Value)*

Automatic

3.5.4 Deadband

The actual value of the controller must move away from the setpoint by at least this value to move the actuator of a stationary controller. Should be at least as large as the smallest possible value change of the actuator.

Availability depends on **Deadband Auto** .

Minimum 0 m³/h
Maximum 100 m³/h
Default Value 20 m³/h

3.5.5 Volume Flow Deadband Hysteresis

Hysteresis of the volume flow controller. Within this range the actuator is always kept unchanged. The value is given as a percentage of the deadband, so it must be between 0 % and 100 %.

Availability depends on **Deadband Auto** .

Minimum 0 %
Maximum 100 %
Default Value 0 %

3.6 Pressure

3.6.1 Control Factor

Determines the control speed of the pressure controller. Higher values accelerate the control function, but also increase the risk of overshoot. Lower values lead to slower control, which is more stable in return.

Minimum 0.0001
Maximum 0.9000
Default Value 0.0020
Resolution 0.0001

3.6.2 Control Bias

The control bias of the pressure controller determines how strongly the controller is slowed down within a close range of the setpoint. Small values lead to increased deceleration. A bias of 0.5 corresponds to a uniform speed independent of the control deviation.

Minimum 0.0001
Maximum 0.9000
Default Value 0.2000
Resolution 0.0001

3.6.3 Deadband

The actual value of the controller must move away from the setpoint by at least this value to move the actuator of a stationary controller. Should be at least as large as the smallest possible value change of the actuator.

Minimum 0.0 Pa
Maximum 20.0 Pa
Default Value 1.5 Pa
Resolution 0.1 Pa

3.6.4 Filter Time

Minimum 0.02 s
Maximum 9.00 s
Default Value 0.20 s
Resolution 0.01 s

4 Setpoints

4.1 Volume Flow

Availability depends on **Control Type**.

4.1.1 Current Setpoint

The current volume flow, determined from the current differential pressure.

4.1.2 Volume Flow

The current volume flow, determined from the current differential pressure.

4.1.3 Unit

Determines the unit in which the volume flow value is displayed.

m³/h *(Default Value)*

l/s

4.1.4 Volume Flow Day

Setpoint value for volume flow control in day operating mode.

Availability depends on **Actuator Mode Day** **Setpoint Source** .

Minimum 0 m³/h
Maximum 49999 m³/h
Default Value 480 m³/h

4.1.5 Night

Setpoint value for volume flow control in night operating mode.

Availability depends on **Actuator Mode Night** **Setpoint Source** .

Minimum 0 m³/h
Maximum 49999 m³/h
Default Value 200 m³/h

4.1.6 Override

Setpoint value for volume flow control in override operating mode.

Availability depends on **Actuator Mode Override** **Setpoint Source** .

Minimum 0 m³/h
Maximum 49999 m³/h
Default Value 800 m³/h

4.1.7 Off

Setpoint value for volume flow control in off operating mode.

Availability depends on **Actuator Mode Off** **Setpoint Source** .

Minimum 0 m³/h

Maximum 49999 m³/h

Default Value 0 m³/h

4.1.8 Alarm Quota

Percentage deviation from the setpoint value of the volume flow control from which an alarm is triggered.

Minimum 0 %

Maximum 50 %

Default Value 3 %

4.2 Pressure

Availability depends on **Control Type** .

4.2.1 Current Setpoint

The current differential pressure, measured with the integrated differential pressure sensor.

Resolution 0.01 Pa

4.2.2 Pressure

The current differential pressure, measured with the integrated differential pressure sensor.

Resolution 0.01 Pa

4.2.3 Unit

Determines the unit in which the pressure value is displayed.

Pa *(Default Value)*

mbar

4.2.4 Day

Setpoint value for pressure control in day operating mode.

Availability depends on **Actuator Mode Day** **Setpoint Source** .

Minimum -499 Pa
Maximum 499 Pa
Default Value 30 Pa

4.2.5 Night

Setpoint value for pressure control in night operating mode.

Availability depends on **Actuator Mode Night** **Setpoint Source** .

Minimum -499 Pa
Maximum 499 Pa
Default Value 10 Pa

4.2.6 Override

Setpoint value for pressure control in override operating mode.

Availability depends on **Actuator Mode Override** **Setpoint Source** .

Minimum -499 Pa
Maximum 499 Pa
Default Value 50 Pa

4.2.7 Off

Setpoint value for pressure control in off operating mode.

Availability depends on **Actuator Mode Off** **Setpoint Source** .

Minimum -499 Pa
Maximum 499 Pa
Default Value 0 Pa

4.2.8 Alarm Quota

Percentage deviation from the setpoint value of the pressure control from which an alarm is triggered.

Minimum 0 %

Maximum 50 %

Default Value 10 %

5 Relays

5.1 #1

5.1.1 Relay 1 Function

Determines the function of relay 1.

Inactive	
Mode Day	The relay is active when the device is in operating mode Day.
Mode Night	The relay is active when the device is in operating mode Night.
Mode Override	The relay is active when the device is in operating mode Override.
Mode Off	The relay is active when the device is in operating mode Off.
Alarm Pending	The relay is active if the control value is outside the permissible alarm limit.
Alarm *(Default Value)*	The relay is active when the alarm is active.
Buzzer	The relay is active when the buzzer is active.
Damper Actuator Active	The relay is active when the actuator is active and therefore the setpoint has not yet been reached.
Damper Actuator Blocked	The relay is active if an actuator blockage has been detected.
Modbus	The relay is active if the associated Modbus data point is active.

5.1.2 Relay 1 Polarity

Determines the polarity of relay 1.

Normal *(Default Value)*

Inverted

6 Digital Inputs

6.1 General

6.1.1 Door Contact Delay

Determines the follow-up time of the digital input door contact sensor. The Control only starts again after the time configured here.

Minimum 0 s
Maximum 900 s
Default Value 10 s

6.2 #1

6.2.1 DIN 1 Function

Determines the function of digital input 1.

None	No function selected.
Mode Off *(Default Value)*	Digital input active means that request operating mode off.
Mode Night	Digital input active means that request operating mode night.
Mode Override	Digital input active means that request operating mode override.
External Alarm	Digital input active means that an external alarm is present.
Door Contact	Digital input active means that the door is open.

6.2.2 DIN 1 Polarity

Determines the polarity of digital input 1.

Normal *(Default Value)*

Inverted

6.3 #2

6.3.1 DIN 2 Function

Determines the function of digital input 2.

None *(Default Value)*	No function selected.
Mode Off	Digital input active means that request operating mode off.
Mode Night	Digital input active means that request operating mode night.
Mode Override	Digital input active means that request operating mode override.
External Alarm	Digital input active means that an external alarm is present.
Door Contact	Digital input active means that the door is open.

6.3.2 DIN 2 Polarity

Determines the polarity of digital input 2.

Normal *(Default Value)*

Inverted

7 Sensors

7.1 Pressure

7.1.1 Calibrate Pressure Sensors

Starts the pressure sensor zero point calibration, for all sensors as required.

7.1.2 Pressure Sensor Invert

Determines whether the measured pressure of the differential pressure sensor should be inverted.

Not Inverted *(Default Value)*

Inverted

8 Analog Interfaces

Availability depends on **HW Variant** .

8.1 #1

8.1.1 Analog Interface 1 - Output Function

Determines the function of analog output 1.

Disabled *(Default Value)*	The analog output is deactivated.
Volume Flow	The analog output scales depending on the current volume flow.
Volume Flow Setpoint	The analog output scales depending on the current volume flow setpoint.
Pressure	The analog output scales depending on the current pressure.
Damper Position	The analog output scales depending on the current damper position.
Modbus	The analog output outputs the value set via Modbus.
Frequency Converter	The analog output controls a frequency converter instead of a damper actuator.

8.1.2 Analog Interface 1 - Voltage Minimum

Determines the minimum voltage of analog output 1.

Minimum 0.000 V
Maximum 10.000 V
Default Value 0.000 V
Resolution 0.001 V

8.1.3 Analog Interface 1 - Voltage Maximum

Determines the maximum voltage of analog output 1.

Minimum 0.000 V
Maximum 10.000 V
Default Value 10.000 V
Resolution 0.001 V

8.1.4 Analog Interface 1 - Value Minimum

Determines the value at which the minimum voltage is reached.

Minimum 0
Maximum 40000
Default Value 0

8.1.5 Analog Interface 1 - Value Maximum

Determines the value at which the maximum voltage is reached.

Minimum 0
Maximum 40000
Default Value 100

8.2 #2

8.2.1 Input Function

Determines the analog input function of this analog interface if voltage input or current input is selected for analog interface type.

Disabled *(Default Value)*	The analog output is deactivated.
Volume Flow Offset	The analog input specifies the volume flow offset in day mode.
Volume Flow Setpoint	The analog input specifies the volume flow setpoint in day mode.
Pressure Setpoint	The analog input specifies the pressure setpoint in day mode.

8.2.2 Analog Interface 2 - Voltage Minimum

Determines the minimum voltage of analog output 2.

Minimum 0.000 V
Maximum 10.000 V
Default Value 0.000 V
Resolution 0.001 V

8.2.3 Analog Interface 2 - Voltage Maximum

Determines the maximum voltage of analog output 2.

Minimum 0.000 V
Maximum 10.000 V
Default Value 10.000 V
Resolution 0.001 V

8.2.4 Analog Interface 2 - Value Minimum

Determines the value at which the minimum voltage is reached.

Minimum 0

Maximum 40000

Default Value 0

8.2.5 Analog Interface 2 - Value Maximum

Determines the value at which the maximum voltage is reached.

Minimum 0

Maximum 40000

Default Value 100

9 User Interface

9.1 General

9.1.1 Button On/Off

Determines whether the ON / OFF button can be used.

Disabled *(Default Value)*

Enabled

9.1.2 Button Night

Determines whether the Night button can be used.

Disabled *(Default Value)*

Enabled

9.1.3 Button Override

Determines whether the Override button can be used.

Disabled

Enabled *(Default Value)*

9.2 Advanced

9.2.1 Language

Determines the display language of the device.

English *(Default Value)*	English
German	German

9.2.2 Display Unit

Determines the unit of the function display in the main view. With AUTO, the value and unit are automatically determined from the control type and setpoint units.

Auto *(Default Value)*	The display value and display unit on the function display are selected automatically.
Volume Flow m³/h	The display value on the function display is volume flow and the display unit is m³/h.
Volume Flow l/s	The display value on the function display is volume flow and the display unit is l/s.
Pressure Pa	The display value on the function display is pressure and the display unit is Pa.
Pressure mBar	The display value on the function display is pressure and the display unit is mBar.

10 Modbus

Availability depends on **HW Variant**.

10.1 General

10.1.1 HW Variant

Analog

Modbus *(Default Value)*

10.1.2 Function

Determines the function of the Modbus interface (deactivated or server)

Availability depends on **HW Variant** .

Disabled	The Modbus interface is disabled.
Server *(Default Value)*	The Modbus interface is configured as a server.

10.1.3 Use Automatic Device ID

Determines whether the device automatically gets to the Modbus device ID via Modbus.

Availability depends on **Function** .

Static Device ID

Automatic Device ID *(Default Value)*

10.1.4 Device ID

The device ID or device address must be unique within the Modbus network. Values from 1 - 247 are available.

Availability depends on **Function** **Use Automatic Device ID** .

Minimum 1
Maximum 247
Default Value 1

10.1.5 Automatic Device ID

The device ID obtained automatically via Modbus.

Availability depends on **Function** **Use Automatic Device ID** .

10.1.6 Baud Rate

The baud rate (transmission speed) of the Modbus interface. This must be uniform in the Modbus network.

1200

2400

4800

9600

19200 *(Default Value)*

38400

57600

115200

10.1.7 Parity

Determines the presence and function of the parity bit during transmission. This bit helps detecting faulty transmissions.

None	No Parity and two Stopbits
Even *(Default Value)*	Parity Even and one Stopbit.
Odd	Parity Odd and one Stopbit.

10.1.8 Broadcast

Modbus allows communication via broadcasts. This is useful e.g. to switch the operating mode of all devices in the network with a single transmission. If this feature is not desired or leads to any incompatibility with devices of other manufacturers, it can be deactivated.

Availability depends on **Function**.

No

Yes *(Default Value)*

10.1.9 Device Config via Modbus

It is possible to change all configuration parameters of the device via Modbus. This is useful e.g. if the serial configuration interface is no longer physically accessible or if parameters are to be changed globally across many devices. If this feature is not desired, it can be deactivated.

Availability depends on **Function**.

No

Yes *(Default Value)*

11 Service

11.0.1 Demo Mode

Determines whether the device is in demo mode. In demo mode, the volume flow and airflow values are simulated and the real values are not monitored.

Off *(Default Value)*

On

11.0.2 Firmware Version

The currently installed firmware version.

11.0.3 Serial Number Device

The unique serial number of the device set at the factory.

11.0.4 Build Nr

The Build Nr of the current Firmware Version

11.0.5 Endless Service Interval

Determines whether the service interval can be endless and therefore no service reminder and warning is generated.

Adjustable Duration

Endless *(Default Value)*

11.0.6 Service Interval

Determines the runtime of the device after which a service should take place.

Availability depends on **Endless Service Interval** .

Minimum 0 days

Maximum 9999 days

Default Value 365 days

11.0.7 Service Reminder

Defines the time from which a reminder is to be sent before the service interval expires that a service will soon be required.

Minimum 0 days

Maximum 9999 days

Default Value 30 days

11.0.8 Factory Reset

Resets the device to factory settings. All settings will be lost and the device must be recommissioned.

11.0.9 Reboot

Triggers a restart of the device.

12 Runtime

12.0.1 Current Runtime

Current uptime since last restart.

12.0.2 Total Runtime

Total operating hours of the device.

12.0.3 Time in Day Mode

Number of operating hours in day operating mode.

12.0.4 Time in Night Mode

Number of operating hours in night operating mode.

12.0.5 Time in Override Mode

Number of operating hours in override operating mode.

12.0.6 Time in Off Mode

Number of operating hours in off operating mode.

12.0.7 Time since last Change

Number of operating hours that have elapsed since the last configuration change.

12.0.8 Runtime Damper Actuator

Total actuator activity time (no standstill).

12.0.9 Time until Service

Number of operating hours until the next service is due.

Resolution 0.000694444444444444 days

12.0.10 Time since Service

Number of operating hours that have elapsed since last service.

Resolution 0.000694444444444444 days

12.0.11 Time Service is overdue

Number of operating hours that have elapsed since service is required.

Resolution 0.000694444444444444 days

The information and data contained in this documentation have been compiled to the best of our knowledge and in accordance with the current state of the art (subject to technical changes). The currently valid version applies. The proven properties of SCHNEIDER products are based on the use of the products recommended in this documentation. Diverging situations and individual cases are not taken into account, so that we cannot assume any warranty and liability.

As of October 2025

Version: 10/2025

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