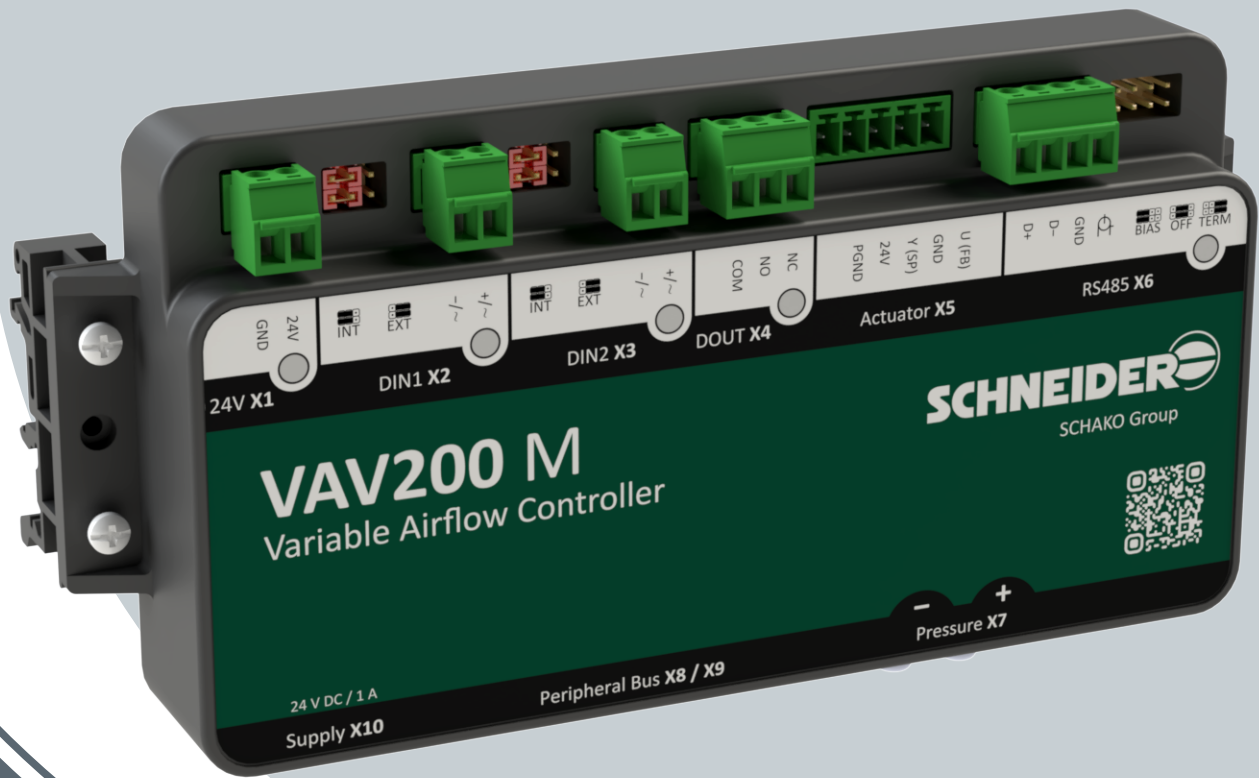




Technical Datasheet

Variable Air Volume Controller

VAV200



SCHAKO Group

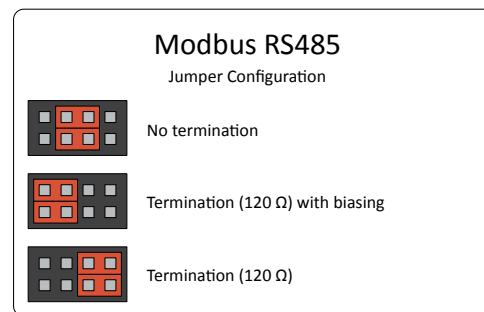
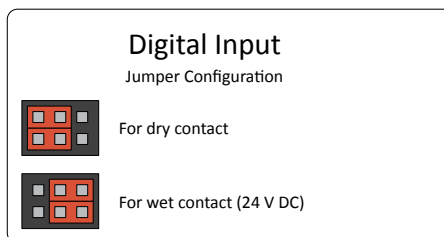
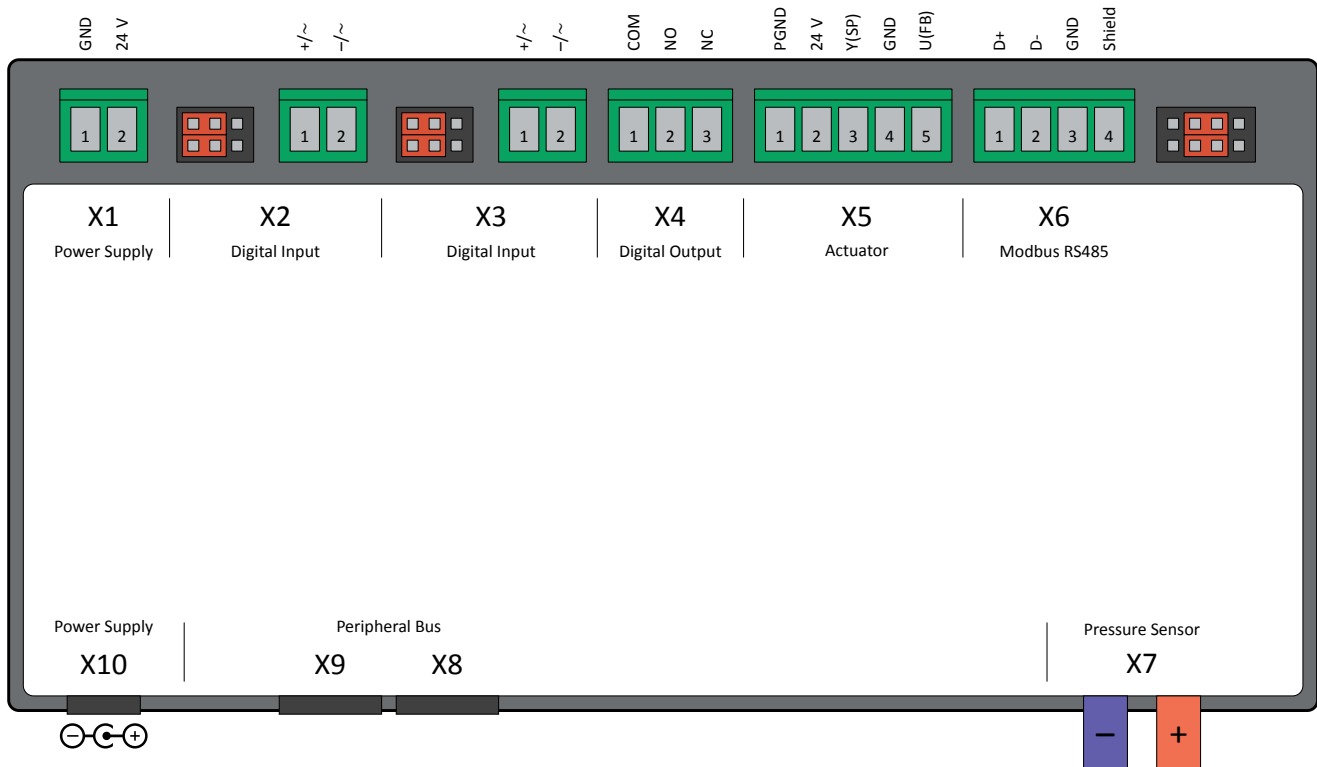
1 Technical Data

Enclosure	
Ingress Protection Rating	IP 20
Material	Plastic (PA12/ABS)
Operating temperature	+15°C to +40°C
Color	similar to RAL 9005
Dimensions (L × W × H)	186 × 86 × 28 mm
Weight	approx. 250 g
Terminals	0.2 to 1.5 mm ²
Power Supply	
Input voltage range	22.8 to 26.4 V DC
Rated current	1.0 A
Rated power	24 W
Typical power consumption	8 W
Plug-in Power Supply Unit	
Input voltage range	80 to 264 V AC
Frequency range	47 to 63 Hz
Efficiency	88.5 %
Current consumption	1 A / 115 V AC 0.6 A / 230 V AC
Output voltage	23.52 to 24.48 V DC
Rated current	1.25 A
Rated power	30 W
Relay Output	
Number	1
Contact type	Change-over contact
Maximum switching voltage	24 V AC/DC
Maximum continuous current	3 A, external fuse required
Digital Inputs	
Number	2
Input voltage	24 V AC/DC
Maximum input current	≤12 mA
Switching threshold (active)	> 6 V
Switching threshold (inactive)	< 2 V
High-speed Modulating Damper Actuator	
Number	1
Torque	4 Nm, optionally 8 Nm
Running time	2.5 s at 4 Nm, 4 s at 8 Nm for 90° rotation

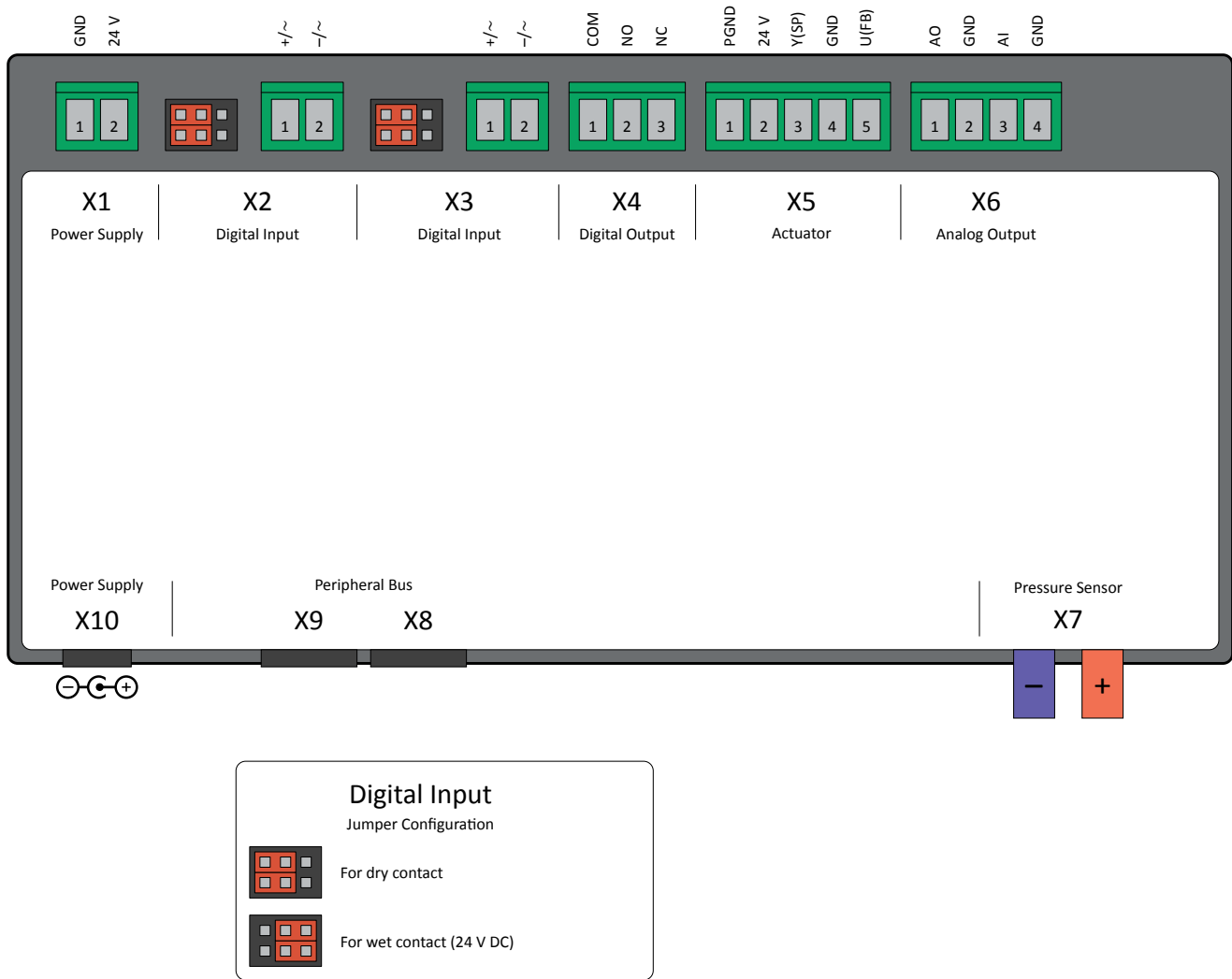
Control signal	Analog, 0(2) to 10 V DC
Resolution	< 0.5°
Differential Pressure Sensor	
Number	1
Pressure range	0 to 300 Pa
Response time	< 10 ms
Burst pressure	0.3 bar
RS-485 Interface (only with VAV200M)	
Number	1
Data rate	up to 115 kBaud
Protocols	Modbus RTU
Cable	e.g. JY(St)Y 2 × 2 × 0.8 shielded
Analog Output (only with VAV200A)	
Number	1
Output voltage	0 to 10 V DC, freely programmable
Maximum output current	20 mA
Load resistance	RL ≥ 1000 Ω
Analog Input (only with VAV200A)	
Number	1
Input voltage	0 to 10 V DC ± 1%
Input impedance	> 100 kΩ

Table 1: Technical Data

2 Terminal Diagram VAV200M



3 Terminal Diagram VAV200A





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 August 2025

Version: 08/2025

Do you have any questions? We look forward to your message:

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