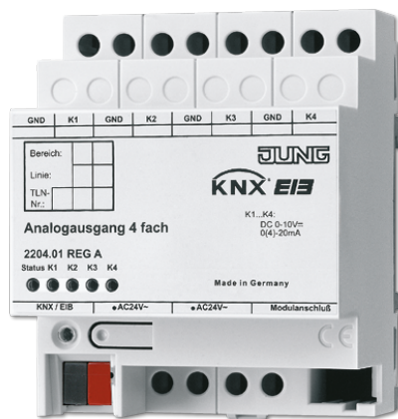


Product data sheet

Analogue actuator, 4-gang



Reference number

2204.01 REGA

KNX analogue actuator, 4-gang

Rail mounting device, 4 rail units
 ETS product family: Output
 Product type: Analogue output 4-gang

The analogue output needs 24 V AC for operation. The necessary power can be supplied by the power supply unit ref.-no.: WSSV 10.

Function

- The analogue output converts measuring data received via KNX telegrams (1-byte and 2-byte telegrams) into analogue output signals.
- The analogue output signals enable heating, ventilation and air conditioning units to adapt their output values to information received from the bus and thus to take part in control processes.
- The outputs are software-parameterized for voltage or current signals.
 Voltage signals: 0 ... 1 V, 0 ... 10 V
 Current signals: 0 ... 20 mA, 4 ... 20 mA
- Voltage outputs are monitored for short circuits.
- The output state is indicated by status LEDs.
- With the analogue actuator module, 4-gang (ref.no. 2204.01 REGAM), the number of analog outputs can be increased from 4 to 8. The connection is made via a system plug.
- The output variables can be forced.
- Outputs that are not required can be switched off.

Connectable analogue actuators

- Do not connect electronic ballasts or electronic transformers with 1-10 V control input to the outputs.
- Do not connect external voltages to the outputs. All connected components must ensure safe separation from other voltages.
- Current outputs may be loaded with 500 Ω max.
- Voltage outputs must be loaded with 1 kΩ min.
- The GND terminals of the outputs K1 ... K4 are connected internally.
- In the event of a short-circuit between a voltage output K1 ... K4 and GND, the respective output is deactivated.

Technical data

Power supply

Supply voltage: AC 24 V ~ ± 10 %
 Current consumption: max. 308 mA

KNX medium:

TP 256

Rated voltage KNX:

DC 21 ... 32 V SELV

Power consumption KNX:

typical 150 mW

Ambient temperature:

-5 ... +45 °C

Storage/transport temperature:

-25 ... +70 °C

Humidity

Ambient/storage/transport: max. 93 % r. h., no condensation

Mounting width:

72 mm (4 rail units)

Weight:	approx. 180 g
Terminals	
Outputs, power supply:	screw terminals
single wire:	1 x 0.5 ... 4 mm ²
stranded without ferrule:	1 x 0.5 ... 4 mm ²
stranded with ferrule:	1 x 0.5 ... 2.5 mm ²
Connection, KNX:	bus connection block
Analogue outputs	
Number:	4
Ranges:	0 ... 1 V DC, 0 ... 10 V DC, 0 ... 20 mA DC, 4 ... 20 mA, DC
Voltage signal load:	≥ 1 kW
Current signal load:	≤ 500 W
Power supply analogue actuator module:	DC 24 V via system bus max. 80 mA