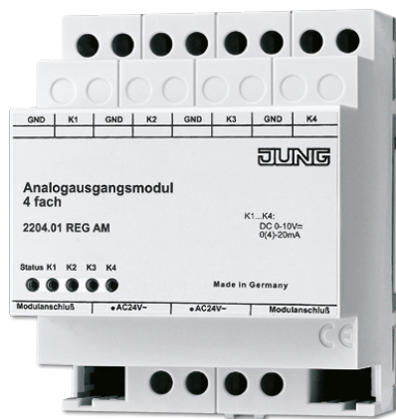# Product data sheet

Analogue actuator module, 4-gang

Reference number
2204.01 REGAM

Analogue actuator module, 4-gang

rail mounting device, 4 rail units

Extension module for analogue actuator 4-gang ref.-no.: 2204.01 REGA
Function

- The analogue actuator module extends a KNX analogue actuator 4-gang by four additional sensor outputs, which can be parameterised by software.
- Received data are converted into the output signals 0 ... 1 V, 0 ... 10 V, 0 ... 20 mA, or 4 ... 20 mA
- 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 output variables can be forced.
- The evaluation of the module data itself and the processing of the forced operation takes place in the KNX analog output.
- The analogue output module is connected to the KNX device via a system plug included in the scope of delivery.
- Outputs that are not required can be switched off.
- Voltage outputs are monitored for short circuits.
- The output state is indicated by status LEDs.

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. 120 mA
Current consumption at system connector:	6 mA
Ambient temperature:	−5 ... +45 °C
Stora/transport temperature:	−25 ... +70 °C
Humidity	
Ambient/storage/transport:	max. 93 % r. h., no condensation
Mounting width:	72 mm (4 rail units)
Weight:	approx. 155 g
Terminals	
Outputs, power supply:	screw terminals
single wire:	1 x 0.5 ... 4 mm²

stranded without ferrule:	1 x 0.5 ... 4 mm²
stranded with ferrule:	1 x 0.5 ... 2.5 mm²
Connection KNX device:	system connector, 6-pole
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

ALBRECHT JUNG GMBH & CO. KG
Volmestraße 1
58579 Schalksmühle

Telefon +49 (0) 23 55/80 60
Telefax +49 (0) 23 55/80 6189
E-Mail kundencenter@jung.de

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