



RVAZ4

Valve actuator for 0...10V or 3-position control

RVAZ4 is a range of valve actuators for control of Regin's zone valves in the ZTV/ZTR, ZTVB/ZTRB range. Force 400 N.

- 3-position or 0...10 V control signal
- 24 V AC or 230 V AC supply voltage
- Manual manoeuvring

All the valve actuators in the RVAZ4 range can be used together with valves in the ZTV/ZTR, ZTVB/ZTRB range. They are easy to mount and have a clear position indication which shows the position of the actuator.

The actuator has manual manoeuvring.

Models for every need

RVAZ4 is available in three different models:

RVAZ4-24A

0...10 V control, 24 V AC supply voltage

RVAZ4-24

3-position control, 24 V AC supply voltage

RVAZ4-230

3-position control, 230 V AC supply voltage

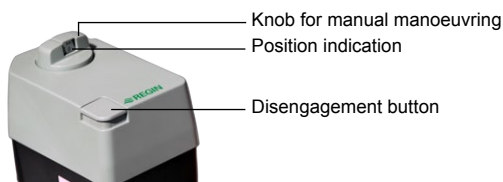
Manual manoeuvring

The spindle position can, after cutting the supply voltage, easily be manually adjusted without using any tools. Simply press down the disengagement button and turn the knob until reaching the desired position.

Position indication

The actuator position is shown by a 0...100 % scale indicator on the knob for manual manoeuvring.

See the picture below.



- Easy to mount on the valve
- Stroke 5.5 mm
- Position indication

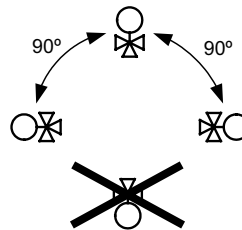
High functional reliability

The actuator is short-circuit proof and protected against polarity reversal when connected.

Simple installation on the valve

The actuator is mounted on the valve using the connection nut, manual power is sufficient.

It should be mounted so that the drive rod is within 90° from the vertical line and the motor housing is on top.



Models

| | |
|-----------|---|
| RVAZ4-24A | 0...10 V DC control, 24 V AC supply voltage |
| RVAZ4-24 | 3-position control, 24 V AC supply voltage |
| RVAZ4-230 | 3-position control, 230 V AC supply voltage |

Technical data

| | RVAZ4-24A | RVAZ4-24 | RVAZ4-230 |
|-------------------|--------------------|--------------------|-------------------------------|
| Supply voltage | 24 V AC $\pm 15\%$ | 24 V AC $\pm 15\%$ | 230 V AC $\pm 15\%$, 50/60Hz |
| Control signal | 0...10 V DC | 3-position | 3-position |
| Stroke time | 30 s | 150 s | 150 s |
| Power consumption | 6 VA | 0.6 VA | 6 VA |

Common data

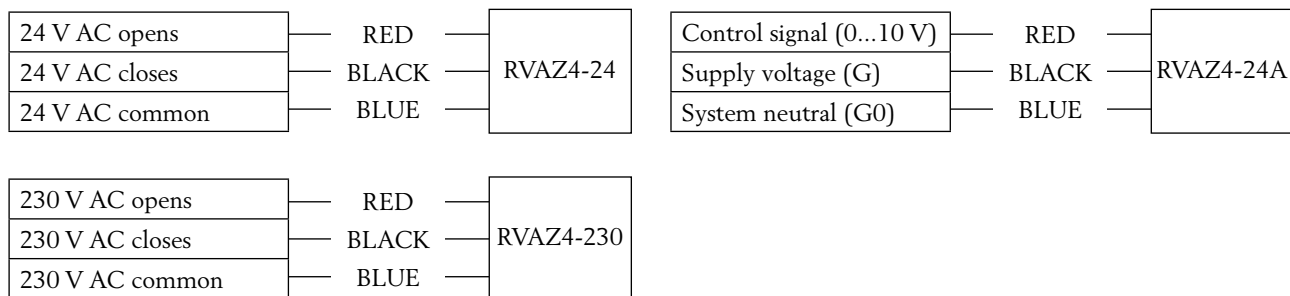
| | |
|---------------------|--------------|
| Stroke | 5.5 mm |
| Force | 400 N |
| Ambient temperature | 0...50°C |
| Media temperature | 1...110°C |
| Storage temperature | -10...+80°C |
| Ambient humidity | Max. 95 % RH |
| Protection class | IP44 |



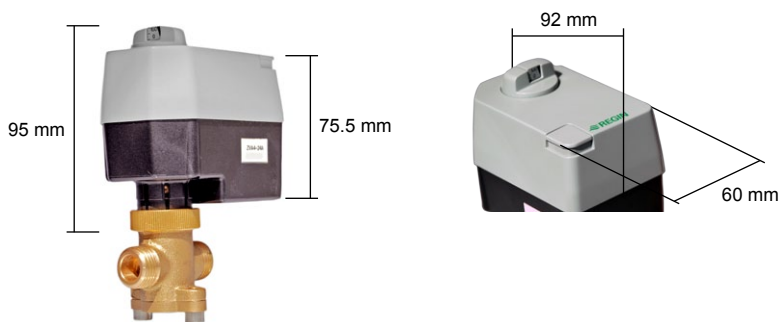
EMC emissions & immunity standards: This product conforms to the EMC requirements in the European harmonised standards EN60730-1 and EN60730-2-14 and carries the CE mark.

RoHS: This product conforms to the Directive 2011/65/EU of the European Parliament and of the Council.

Wiring



Dimensions



Product documentation

| Document | Type |
|--|--|
| Product sheet ZTV/ZTR, ZTVB/ZTRB | Information about zone valves intended for use together with RVAZ4 |
| Instructions RVAZ4-24, RVAZ4-24A and RVAZ4-230 | Instructions for the RVAZ4 actuators |

The documents can be downloaded from www.regin.se.