

RDABI0-24A

Damper actuator, 10 Nm

Damper actuator for control of dampers in ventilation systems.

- Torque 10 Nm
- For dampers up to approximately 2 m²

RDAB10-24A is a damper actuator for control of dampers in ventilation systems. The actuator is controlled by means of a standard control signal (0)2...10 V DC. It opens to the position dictated by this signal. The measuring voltage U allows the damper position (0...100%) to be electrically indicated and serves as a follow-up control signal for other actuators.

Simple direct mounting

The damper actuator is easily mounted on the damper spindle with the universal spindle clamp. The actuator is supplied with an anti-rotation strap that prevents it from rotating.

- Power supply 24 V AC/DC
- (0)2...10 V DC continuous control signal

Function

Manual operation is possible with the self-resetting pushbutton (the gearing latch remains disengaged as long as the pushbutton is pressed).

The angle of rotation is adjustable with mechanical end stops.

High functional reliability

The actuator is overload-proof, requires no limit switches and stops automatically when the end stop is reached.



Technical data

Supply voltage 24 V AC 50/60 Hz, 24 V DC

Power consumption

In operation (at nominal torque) 2 W
At rest 0.4 W
For wire sizing 4 VA

Sound power level Max. 35 dB (A)

Control signal input Y (0)2...10 V DC, input resistance 100 kOhm

Working range 2...10 V DC

Measuring voltage 2...10 V DC, max. 1 mA

Synchronisation tolerance +/- 5%

Direction of rotation Selectable with switch

Torque Min. 10 Nm at nominal voltage

Angle of rotation Max. 95°, adjustable 0...100% with mechanical end stops

Running time actuator
Position indication
Protection class
Ambient temperature
Storage temperature
Weight

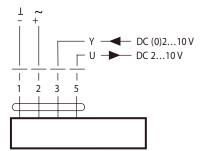
150 s
Mechanical
1P54
-30...+50°C
-40...+80°C
Appr. 800 g

The product conforms with the requirements of European EMC standard

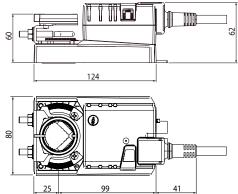
89/336/EEC and carries the CE-mark.

CE

Wiring



Dimensions



Damper spindle	Length	<u>0</u> <u>T</u> \$	
Clamp on top	min. 40	8 26.7	
Clamp on bottom	min. 20	8 20	_ 25

Measurements in mm

