

DRIVE OPEN/DRIVE CLOSE ACTUATOR FOR DAMPERS UP TO APPROX. 0.1 M²

Application

The AM-DM1-IC is intended for the operation of air control dampers in HVAC systems. It is suitable for use on balanced blade dampers up to approximately 0.1 m²

Mode of operation

Open/Close control by InnoCAB cable system.

NOTES

High functional reliability

The actuator needs no limit switches and halts automatically at the end stops.

Rapid connection

InnoCAB RJ12 connections reduce installation time.

⚠ Manual operation

Manual rotation IS NOT allowed - DAMAGE MAY OCCUR.

⚠ Angle of rotation


Mechanical stops MUST NOT be used to limit the angle of rotation - DAMAGE MAY OCCUR.

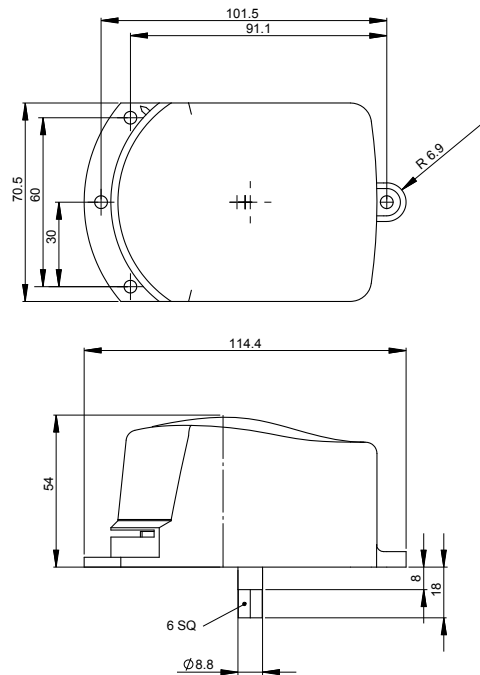
⚠ Parallel Connection

Parallel connection of multiple actuators IS NOT allowed - DAMAGE MAY OCCUR

WIRING DETAILS

Actuator InnoCAB socket - pin allocation

	24 V AC Drive Open	- Pins 1 and 2
	24 V AC Neutral	- Pins 3 and 4
	24 V AC Drive Closed	- Pins 5 and 6



TECHNICAL DATA	AM-DM1-IC
Nominal voltage	24 V AC ± 20%, 50/60 Hz
Power consumption	3.8 VA
Connection	1 x RJ12 socket
Direction of rotation (Open)	Clockwise
Manual operation	not allowed
Torque	min. 1 Nm (at rated voltage)
Angle of rotation	max. 95°
Link to damper	6 mm square male shaft
Rotation run time	6 seconds
Position indication	mechanical with pointer
Ambient temperature range	-30...+50 °C
Non-operating temperature	-40...+80 °C
Maintenance	maintenance free
Weight	220 g