



techsystem

automatyka klimatyzacja wentylacja

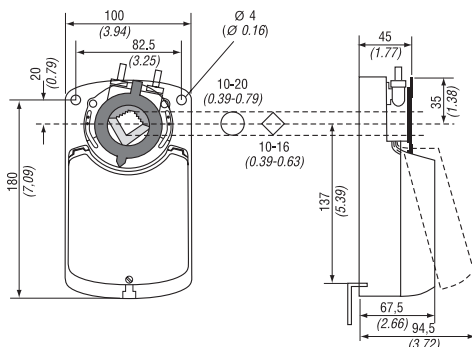
▸ zapoznaj się z naszą ofertą

Rotary Actuators / New Standard Family

M9108 / M9116 / M9124 / M9132-GGx-1N Proportional Actuators AC/DC 24 V (Joventa DMS1 / DM1 / DML1 / DMG1)



M9108/16/24/32-GGx-1N
Proportional Actuators
AC/DC 24 V



Dimensions in mm (inches)

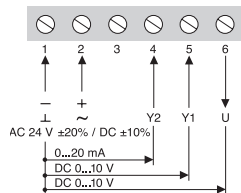
Description

The STANDARD electric damper actuator series is designed to operate air dampers in ventilation and air conditioning systems.

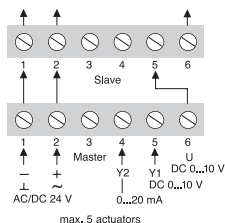
The compact design and universal adapter fitted with limitation of rotation angle make this actuator highly versatile.

Features

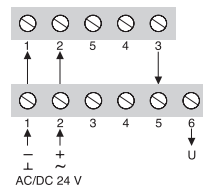
- DC 0(2)...10 V or 0(4)...20 mA control signal
- Load independent running time
- Up to 5 actuators in parallel operation possible
- Plug-in terminal block connection
- Simple direct-mount with universal adapter on 10...20 mm Ø round axis or 10...16 mm square shaft.
- 48 mm minimum damper shaft length
- Selectable direction of rotation
- Limitation of rotation angle
- Manual release button
- 2 adjustable auxiliary switches
- Automatic shut-off at end position (overload switch)
- Actuators available with 1.0 m halogen-free cable
- Customized versions available
- Devices meet CE requirements



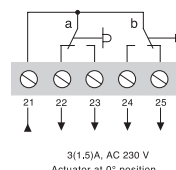
Wiring Diagram



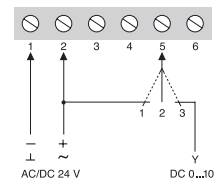
Parallel Connections



Position Transmitter



Auxiliary Switches



Override Control

Selection Table

Torque	Running Time (s)	Damper Size (m ²)	Signals			2 x Auxiliary contacts	Supply Voltage (50/60Hz)	Ordering Codes	
			Y1	Y2	U			Joventa*	Johnson Controls
8 Nm	30...45	1.5	0(2)...10 VDC	0(4)...20 mA	0(2)...10 VDC	24 VAC/DC	DMS1.1	M9108-GGA-1N	
16 Nm	80...110	3					DMS1.1S	M9108-GGC-1N	
							DM1.1	M9116-GGA-1N	
24 Nm	125...160	4.5					DM1.1S	M9116-GGC-1N	
32 Nm	200	6					DMG1.1	M9132-GGA-1N	
							DMG1.1S	M9132-GGC-1N	

Notes: * by adding a K after the type number you will acquire the same model with a Halogene free cable (1 m)