



ACTUATOR TYPE:
SPRING RETURN
GMA121.1E
TG032-0



OVERVIEW

Control function:	Rotary spring return
Nominal torque:	7Nm
Voltage:	AC 24V, DC 24V - 48V
Auxiliary switches:	None

- For use in damper areas up to 1.5m² - friction dependent
- Self-centering shaft adapter
- Mechanically adjustable span between 0° - 90°
- Prewired with 0.9m long connection cable
- Position indicator

CABLE LABELLING

PIN	CABLE				DESCRIPTION
	CODE	NO.	COLOUR	ABBRE.	
Power supply	G	1	Red	RD	System potential AC 24V /DC 24V - 48V
	G0	2	Black	BK	System neutral

TECHNICAL SPECIFICATION TABLE

AC 24V DC 24V - 48V supply	Operating voltage AC / Frequency Operating voltage DC	AC 24V $\pm 20\%$ / 50/60Hz DC 24V - 48V $\pm 20\%$
Functional data	Power consumption - Running Power consumption - Holding	AC: 5VA / 3.5W // DC: 3.5W AC/DC: 2W
	Nominal torque Maximum torque (blocked) Nominal rotary angle / Max. rotary angle Runtime for rotary angle 90° (motor operation) Closing time with return spring (on power failure)	7Nm 21Nm 90° / 95° $\pm 2^\circ$ 90s 15s
Auxiliary switches	Not fitted to this model	NA
Connection cables	Cross-section Standard length	0.75mm ² 0.9m
Degree of protection of housing	As per EN 60529 (note mounting instructions)	IP 54
Environment conditions	Operation / Transport • Temperature • Humidity (non-condensing)	IEC 721-3-3 / IEC 721-3-2 -32 +55°C / -32 +70°C <95% r.h.
Dimensions	Actuator: W x H x D Damper Shaft: Round / Square Damper Shaft: Min. Shaft length	81mm x 192mm x 63mm 6.4mm - 20.5mm / 6.4mm - 13mm 20mm
Weight approx.	Without packaging	1.3kg
Service life	Cycles	60 000
Sound level	Motor Spring Return	<55dB <67dB

SAFETY

CAUTION: National safety regulations



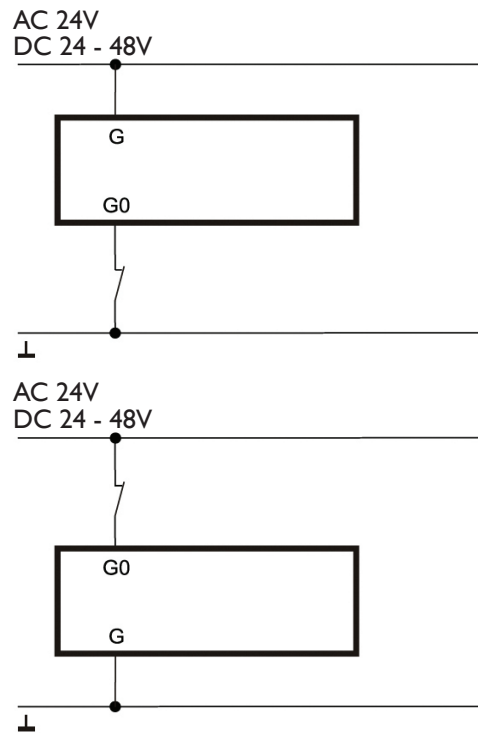
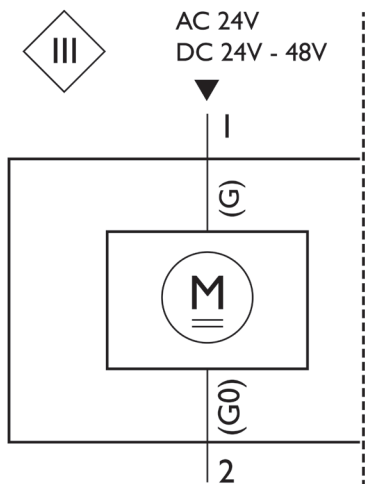
- Failure to comply with national safety regulations may result in personal injury and property damage.
- Observe national provisions and comply with the appropriate safety regulations.
 - Use only properly trained technicians for mounting, commissioning and servicing.

INTERNAL DIAGRAM

CONNECTION DIAGRAM

Two - position Control

Two - position control
Single pole single throw (SPST)



ACTUATOR DIMENSIONS IN MM

