



**SGA24**

**SGF24**

p0020707

**For modulating actuators with a working range of DC 2...10 V or DC 0...10 V**

**For surface mounting (SGA24)**

**For flush mounting (SGF24)**

**Application**

The SGA24 and SGF24 positioners are intended for the remote control of modulating actuators or for use as a minimum positioner (providing a bottom limit for the output signals from modulating controllers).

The control range is 0...100% of the angle of rotation of the actuator.

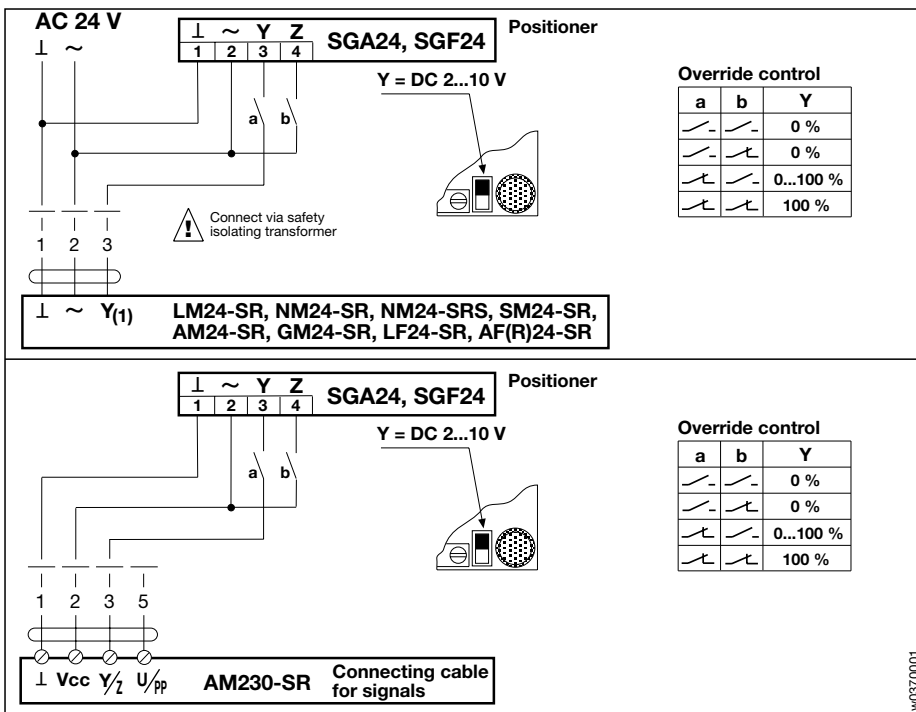
**Wide setting range (0...100%)**

The positioner receives its power supply through terminals 1 and 2. The position to which the rotary knob is turned produces a proportional control signal Y of either DC 2...10V or DC 0...10V and thus a proportional change in the position of the actuator between 0 and 100%. The angle of rotation of the knob can be limited mechanically.

**Note**

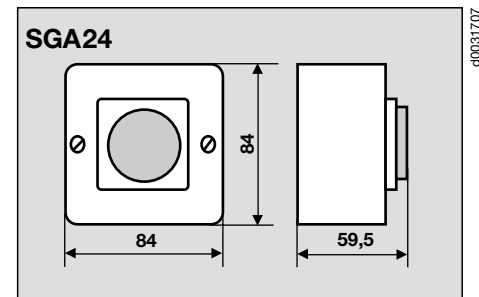
The changeover from DC 2...10V to DC 0...10V is selected by means of a slide switch on the printed circuit board.

**Wiring diagram**



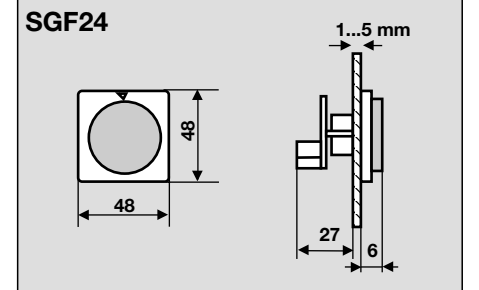
w0370001

**Dimensions**



d0031707

Technical data	SGA24, SGF24
Nominal voltage	AC 24 V 50/60 Hz, resp. Vcc from AM230-SR
Nominal voltage range	AC 19.2...28.8 V
For wire sizing	1.0 VA
Power consumption	0.3 W
Power output	for up to 10 actuators (max. 4 AM...-SR)
Connection	Terminals (for max. 1.5 mm <sup>2</sup> )
Control signal Y	DC 2...10V @ max. 0.5 mA (DC 0...10V switchable by slide switch)
Scale	0...100% (mechanical rotation limit by knob)
Degree of protection	IP 54 (only type SGA24, with conduit connector)
Ambient temperature range	-20... +50 °C
Non-operating temperature	-40... +80 °C
Humidity test	to EN 60335-1
EMC	CE according to 89/336/EEC, 92/31/EEC, 93/68/EEC
Maintenance	maintenance free
Weight	SGA24: 150 g; SGF24: 50 g



**Drilling template**

