

Positioner, suitable for modulating damper actuators LM..A-SR, NM..A-SR, SM..A-SR and GM..A-SR

- For flush mounting


**Technical data**

<b>Electrical data</b>	Nominal voltage	AC 24 V, 50/60 Hz DC 24 V Vcc from ..M230ASR
	Nominal voltage range	AC/DC 19.2 ... 28.8 V
	Power consumption	0.3 W
	For wire sizing	1 VA
	Power output	For max. 10 actuators
	Connection	Terminals (for max. 1.5 mm <sup>2</sup> )
	<b>Functional data</b>	Control signal Y
Scale		0 ... 100% (mechanical rotation limit by knob)
<b>Safety</b>		Protection class
	Degree of protection	IP40 (IP54 with conduit connector)
	EMC	CE according to 89/336/EWG
	Mode of operation	Type 1.B (to EN 60730-1)
	Ambient temperature range	-20 ... +50 °C
	Non-operating temperature	-40 ... +80 °C
	Humidity test	To EN 60730-1
Maintenance	Maintenance free	
<b>Dimensions / Weight</b>	Dimensions	See «Dimensions» on page 2
	Weight	Approx. 50 g

**Safety notes**


- The positioner is not allowed to be used outside the specified field of application, especially not in aircraft or any other form of air transport.
- Assembly must be carried out by trained personnel. Any legal regulations or regulations issued by authorities must be observed during assembly.
- The device may only be opened at the manufacturer's site. It does not contain any parts that can be replaced or repaired by the user.
- The device contains electrical and electronic components and is not allowed to be disposed of as household refuse. All locally valid regulations and requirements must be observed.

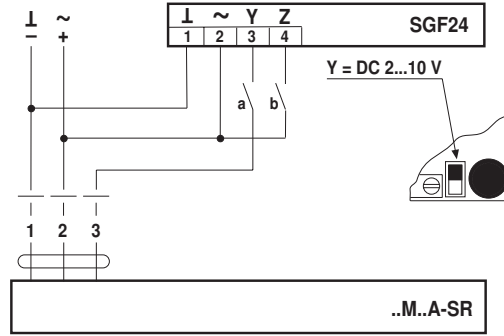
**Product features**

<b>Application</b>	The positioner is 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.
<b>Wide setting range</b>	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 ... 10 V or DC 0 ... 10 V 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.
<b>Simple changeover</b>	The changeover from DC 2 ... 10 V to DC 0 ... 10 V is selected by means of a slide switch on the printed circuit board.

Electrical installation

Wiring diagram

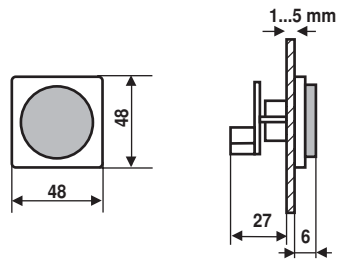
**Note**  
Connection via safety isolating transformer.



a	b	Y
		0 %
		0 %
		0...100 %
		100 %

Dimensions [mm]

Dimensional drawings



Drilling template

