

Auxiliary switch for globe valve actuators

- two switches (SPDT)
- adjustable switching point


Technical data

Electrical data	Auxiliary switch	2 x SPDT
	Switching capacity auxiliary switch	1 mA...3 (0.5) A, AC 250V
	Switching points auxiliary switch	Adjustable switching point 0...100%
	Connection auxiliary switch	Cable 1 m, 6 x 0.75 mm ²
Safety	Protection class IEC/EN	II protective insulated
	Degree of protection IEC/EN	IP54
	Low-voltage directive	CE according to 2006/95/EC
	Certification IEC/EN	Certified to: IEC/EN 60730-1 and IEC/EN 60730-2-14
	Principle of operation	Type 1.B
	Rated current voltage auxiliary switch	4 kV
	Control pollution degree	3
	Ambient temperature	0...50 °C
	Non-operating temperature	-40...80 °C
	Ambient humidity	95% r.h., non-condensing
Maintenance	Maintenance-free	

Safety notes

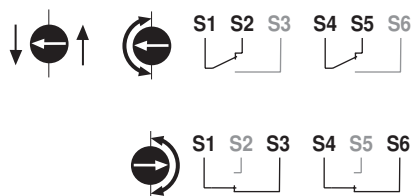
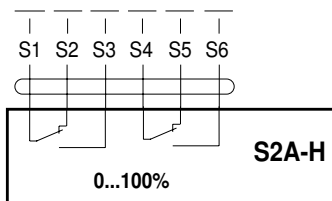

- The device must not be used outside the specified field of application, especially not in aircraft or in any other airborne means of transport.
- It may only be installed by suitably trained personnel. Any legal regulations or regulations issued by authorities must be observed during assembly.
- The 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 cable must not be removed from the device.
- 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

Principle of operation	A gear wheel engages with a form-fit grip in the globe valve actuator and transfers the position directly to the microswitch trip cam. Switching points can be freely selected with an adjustment dial. The current switch position can be read off at any time.
Application	The S2A-H auxiliary switch is used for signaling the position or for exercising switching functions in any given stroke position.
Direct mounting	The auxiliary switch is mounted directly to the globe valve actuator.

Electrical installation

Wiring diagrams



Cable colours:
 S1 = violet
 S2 = red
 S3 = white
 S4 = orange
 S5 = pink
 S6 = grey

Dimensions [mm]

Dimensional drawings

