

## Level Switch SB

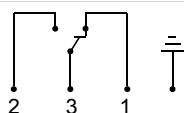


- Mounted in the cover
- Changeover contact

### Characteristics

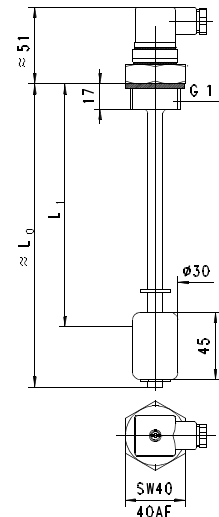
Mechanical level monitor for fluid media with contact-free actuation of a reed contact.

### Technical data

<b>Switch</b>	reed switch
<b>Process connection</b>	male thread G 1 A
<b>Density of medium</b>	$\geq 0.35 \text{ g/cm}^3$
<b>Switching value</b>	60..460 mm, for details see "Dimensions and weights"
<b>Tolerance</b>	$\pm 5 \text{ mm}$
<b>Pressure resistance</b>	PN 12 bar
<b>Medium temperature</b>	-20..+105 °C
<b>Ambient temperature</b>	-20..+55 °C
<b>Media</b>	water, oils
<b>Wiring</b>	changeover no. 0.280 
<b>Switching voltage</b>	max. 230 V AC
<b>Switching current</b>	max. 0.5 A
<b>Switching capacity</b>	max. 60 VA
<b>Protection class</b>	1 - PE connection
<b>Ingress protection</b>	IP 65
<b>Electrical connection</b>	plug DIN 43650-A / ISO 4400
<b>Materials medium-contact</b>	CW614N, Spansil (NBR), bronze, NBR
<b>Non-medium-contact materials</b>	PA
<b>Weight</b>	refer to table "Dimensions and weights"
<b>Installation location</b>	vertical installation position

### Dimensions and weights

G	Types	L <sub>0</sub>	L <sub>1</sub>	Weight kg
G 1 A	SB-025HM0100	100	60	0.35
	SB-025HM0200	200	160	0.40
	SB-025HM0300	300	260	0.50
	SB-025HM0400	400	360	0.55
	SB-025HM0500	500	460	0.60



Details of float location L<sub>1</sub> mm for density 1 g/cm<sup>3</sup>  
The device is delivered without a seal.

### Handling and operation

- It must be ensured that the values given for voltage, current, and power are not exceeded.
- When switched on, a load must be connected in series.
- The electrical details apply to ohmic loads. Capacitive, inductive and lamp loads must be operated using a protective circuit.
- Not suitable for use in media with ferritic particles.

### Ordering code

SB -

<b>1. Connection size</b>	025	threaded connection G 1 A
<b>2. Process connection</b>	H	screw-in thread
<b>3. Connection material</b>	M	brass
<b>4. Length L<sub>0</sub></b>	0100	100 mm
	0200	200 mm
	0300	300 mm
	0400	400 mm
	0500	500 mm