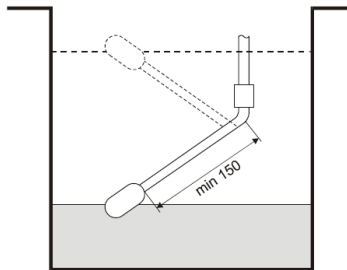


- ◆ Variants for clear and for waste water
- ◆ For industrial and communal sewage
- ◆ Non-toxic plastic housing
- ◆ Suitable for drinking water
- ◆ Up to 15 A at 250 VAC contact
- ◆ IP68 protection

The BLCSM level switch, distributed by BASI. This model consists of a double-chamber plastic housing and a micro switch inside. The double-chamber construction and a final remolding make the switch absolutely hermetic. Switching differential can be set by means of a counter weight that can be adjusted alongside the cable of the switch. The high contact load allows the BLCSM model to switch directly pumps or other single-phase actuator devices up to 3.7 kW or 2.0 kVA. The length of the sensor cable, which is made of PVC or Neoprene, can be ordered up to 20 meters.

The BLCSM level switch is suitable for liquids with density down to 0.8 g/cm<sup>3</sup>. Thanks to its non-toxic body materials and mercury-free micro switch, BLCSM is ideally applicable for drinking water control. Some practical applications include:

- vessel emptying control;
- vessel filling control;
- pump protection.



### Technical specifications

#### Input



<b>Sensing element</b>	double-chamber plastic float
<b>Medium type</b>	float compatible liquid
<b>Liquid density</b>	> 0.8 g/cm <sup>3</sup>

#### Output

<b>Output type</b>	change-over mercury-free contact
<b>Contact life</b>	10 million commutations
<b>Switching angle</b>	± 45°
<b>Switching differential</b>	adjustable by a counterweight
<b>Switching speed</b>	max. 600 per minute

#### Design and materials

<b>Casing material</b>	non-toxic polypropylene
<b>Cable material</b>	PVC or Neoprene
<b>Cable length</b>	5 m, 10 m, 20 m, or other <sup>(2)</sup>
<b>Cable section</b>	ø9, 3x1.5 mm <sup>2</sup>
<b>Protection class</b>	IP68
<b>Other specifications</b>	see table below

Variant	for clear water	for waste water <sup>(1)</sup>
		
<b>Specifications</b>		
<b>Float dimensions</b>	155x107x55 mm	222x117x117 mm
<b>Medium temperature</b>	-20...80 °C	0...50 °C
<b>Medium pressure</b>	max. 5 bar	max. 2 bar
<b>Contact ratings</b>	up to 15A/250VAC	up to 16A/250VAC (10 A: CE confirm)

<sup>(1)</sup> Also suitable for drinking water!

### Ordering code BLCSM-x-x-x

Code	Feature or option	Code values
	Variant	<b>1</b> - for clear water, <b>2</b> - for waste water <sup>(1)</sup>
	Cable length 'k' [m] and type	<b>5PV, 10PV, 20PV</b> - PVC, <b>5NP, 10NP, 20NP</b> - Neoprene
	Counterweight	<b>X</b> - none, <b>W</b> - counterweight mounted

<sup>(2)</sup> Contact BASI!