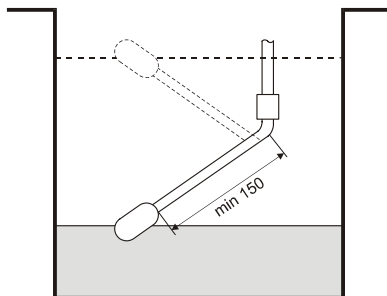


Plastic Float Level Switch LCSM

- ◆ Variants for clear and for waste water
- ◆ For industrial and communal sewage
- ◆ Non-toxic plastic housing
- ◆ Suitable for drinking water
- ◆ Up to 10 A at 250 VAC contact
- ◆ IP68 protection

The LCSM level switch, distributed by COMECO, is manufactured by NIVELCO. 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 length of the sensor cable, which is made of PVC or Neoprene, can be ordered up to 20 meters. The switch is suitable for liquids with density down to 0.8 g/cm³. Thanks to its non-toxic body materials and mercury-free micro switch, LCSM is ideally applicable for drinking water control. Some practical applications include:

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



Technical specifications

Input



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

Output

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

Design and materials

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

Variant	for clear water	for waste water ⁽¹⁾
Specifications		
Float dimensions	155x107x55 mm	222x117x117 mm
Medium temperature	0...50 °C	0...50 °C
Medium pressure	max. 1 bar	max. 2 bar
Contact ratings	up to 10A/250VAC	up to 10A/250VAC

⁽¹⁾ Also suitable for drinking water!

Ordering code LCSM* - G8 - #1

Code	Feature or option	Code values
*	Variant	1 - for clear water, 2 - for waste water ⁽¹⁾
G8	Cable length 'k' [m] and type	5PV, 10PV, 20PV - PVC, 5NP, 10NP, 20NP - Neoprene
#1	Counterweight	X - none, W - counterweight mounted

⁽²⁾ Contact COMECO!