

Float Level Switch for Side Mounting LCSFS

- ◆ Low cost
- ◆ Inside or outside installation
- ◆ Rotating or sliding float
- ◆ 120 °C maximum liquid temperature
- ◆ Stainless and various plastic versions
- ◆ Cable electrical termination

The operation of the COMECO's level probe for liquids LCSFS is based on the switching of a reed switch by a magnetic float, rotating around a fixed point or sliding along a stem. This switch is designed for external or internal mounting on the side vessel walls and is electrically terminated by lead wires. Large variety of versions based on different body and float materials is available for use at operating temperature up to 120 °C, process pressure up to 5 bar, and specific gravity of the liquid down to 0.6 g/cm³.



Technical specifications

Variant	rotating around fixed point		sliding up-down
Specifications			
Sensor material	polypropylene	PVDF	stainless steel 1.4301 (304)
Liquid density [g/cm³]	> 0.65		> 0.60
Contact type	reed switch, NO		
Sensor function	NO or NC (depending on float position)		
Contact ratings	max. 240 VAC (200 VDC), max. 0.5 A (1 A carry current), max. 50 VA		
Process temperature	-20...80 °C	-20...100 °C	-20...120 °C
Ambient temperature	-20...90 °C		
Max. process pressure	4 bar	5 bar	
Protection head (option)	none	none	head type "MA" or "MB"
Wiring	30 cm XLPE wires	30 cm XLPE wires	head terminals
Protection	IP67	IP67	IP55 or IP65
Process connection (incl. nut & washer)	M16x1.5	1/2"	

Ordering code LCSFS* - G1 - #1

Code	Feature or option	Code values
*	Variant	1 - with float rotating around fixed point, 2 - with float sliding along stem
G1	Material ⁽¹⁾	PP - polypropylene, DF - PVDF, SS - stainless steel 1.4301 (304)
#1	Protection head	X - none, MA - head type "MA" ⁽²⁾ , MB - head type "MB" ⁽²⁾

⁽¹⁾ See table above for compatibility!

⁽²⁾ Available ONLY with stainless steel sensor!