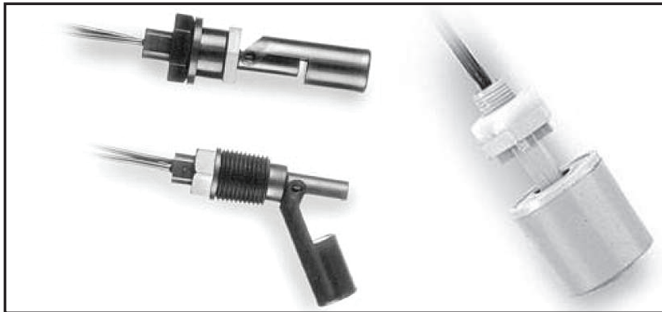


Level Sensors

Electromechanical Float Switches

Types FS, Horizontal and Vertical Mount



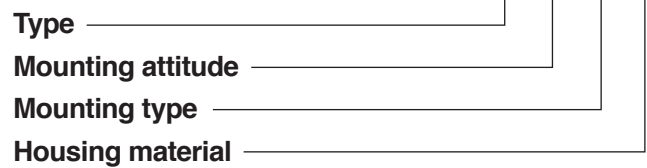
- Float switches for liquid level sensing
Horizontal or vertical mount
- Polypropylene, nylon, or polysulfone housings
- Maximum switching voltage: 200 VDC or 240 VAC
- Maximum switching current: 0.5 A (SPST)
- Suitable for specific gravities > 0.75

Product Description

The FS series of sensors along with various mounting configurations and housing materials, allow the FS sensors to fit a wide variety of level sensing applications. Selectable normally open or normally closed outputs,

Ordering Key

FS H -2 4



Type Selection

Housing Material	Horizontal mount, Ø16 mm compression	Horizontal mount, 1/2" NPT thread	Vertical mount, 1/8" PF thread
Polypropylene	FSH-21	FSH-31	FSV-31
Nylon*	FSH-24	FSH-34	FSV-34
Polysulfone	FSH-25	FSH-35	FSV-35

Specifications

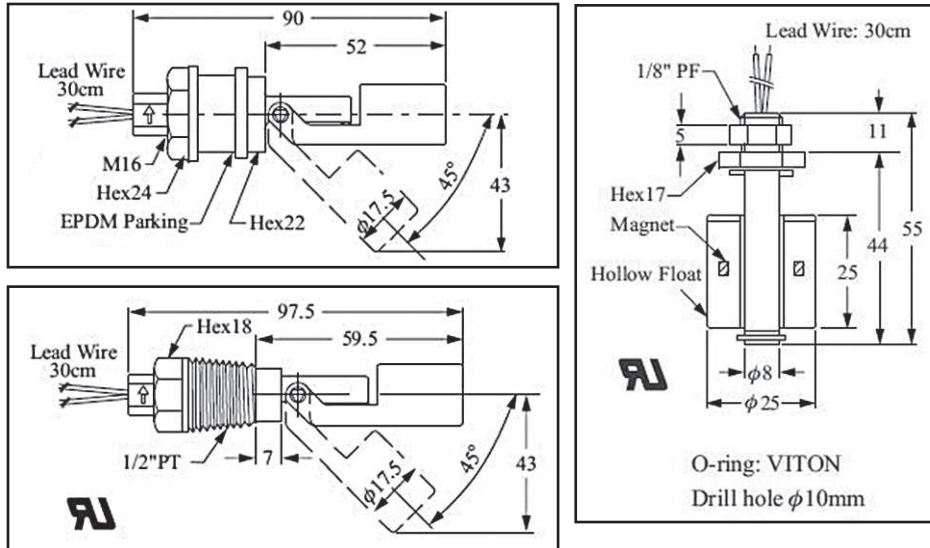
Rated maximum switching voltage	200 VDC, 240 VAC	Connection	2 wires, XLPE 22 AWG x 12 in.
Rated maximum current		Suitable specific gravity	
Switching	0.5 A	FS... 1 types	>0.75
Carrying	1.0 A	FS... 4 types	>0.80
		FS... 5 types	>0.85
Rated max. switching capacity	50W (VA)	Housing material	Color
		FS... 1 Types	Polypropylene black
		FS... 4 types	Nylon, grey
		FS... 5 types	Polysulfone
Switch type, function	Reed, SPST	Approvals	UL, CE, ABS
Rated operating temperature		Weight	
FS... 1 types	-4 to +176°F	FSH... 1 types	35 g
FS... 4 types	-4 to +250°F	FSH... 4 types	38 g
FS... 5 types	-4 to +250°F	FSH... 5 types	40 g
		FSV... types	18 g
Rated operating pressure			
FS... 1 types	57 psi		
FS... 4/5 types	28 psi		

* Nylon floats may absorb water if submerged for extended periods of time, therefore they are not recommended for low-level applications in water-based media.

FH, Horizontal and Vertical Mount



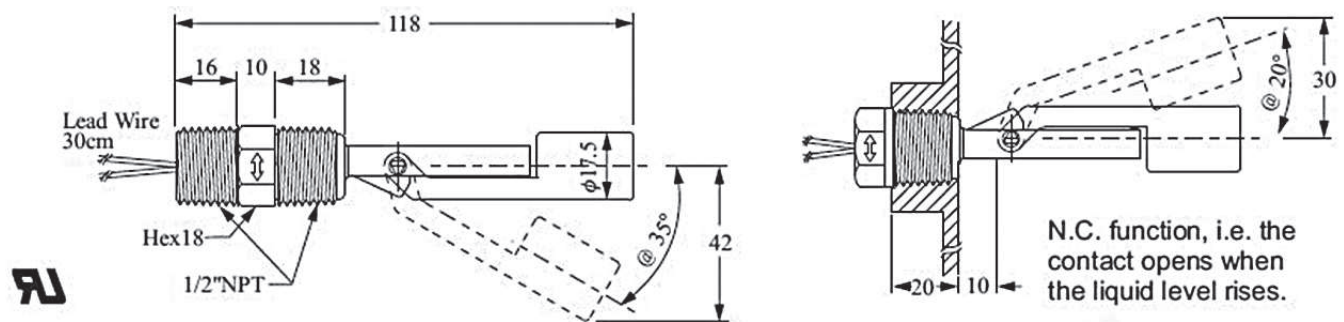
Dimensions



Installation Guide

FSH...types Normally open or normally closed operation is selectable by orientation of the sensor in the tank. Normally open switching is obtained when the arrow on the mounting is pointed up, and vice versa, normally closed when the arrow is downward.

FSV...types Normally open or normally closed operation is selectable by inversion of the float on the shaft. The switches are shipped normally open otherwise indicated.



* Nylon floats may absorb water if submerged for extended periods of time, therefore they are not recommended for low-level applications in water-based media.