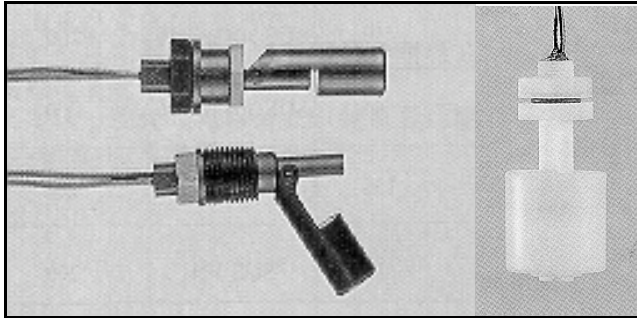


Level Sensors

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

Economical electromechanical float switches for liquid level sensing. Various mounting configurations and housing materials to fit most

applications. Customer selectable normally open or normally closed switch function with switching capacity up to 50 W.

Ordering Key

FSH -2 4

Type _____
 Mounting attitude _____
 Mounting type _____
 Housing material _____

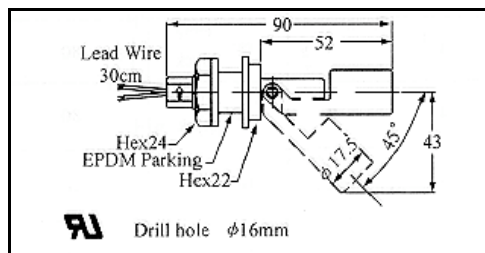
Type Selection

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

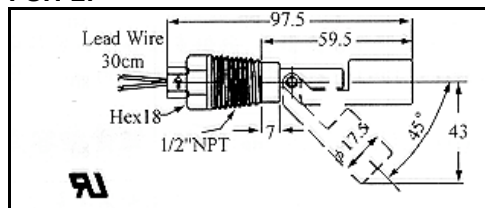
Specifications

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	50 W (VA)	Housing material, color	
		FS...1 types	Polypropylene, black
		FS...4 types	Nylon, grey
		FS...5 types	Polysulfone, blue
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		

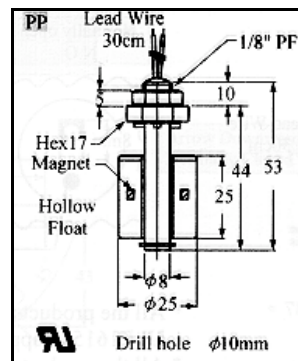
Dimensions



FSH-2.



FSH-3.



FSV-3.

Installation Hints

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 unless otherwise indicated.

