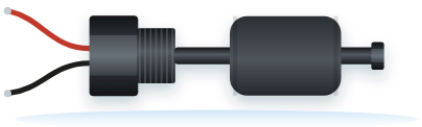
Fluid Sensors
Level Sensor Float Level Switch

Detailed Technical Data
Model: FLS Series

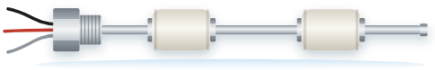
Features: Switches are designed for application

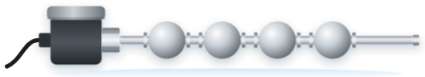
Medium	Water/fluids/chemicals, fuels, oils
Sensor type	Magnetic reed switch
Orientation	Vertical or horizontal
Environment type	Non-hazardous, hazardous
Environment rating	IP68 / NEMA 6P
Purpose	General use / industrial



Mechanical

Fitting and stem MOC	Brass, 304/316 SS, polypropylene, PVC, Teflon
Fittings connection sizes	¼", ½", ¾", 1", 1.25", 1.5", 2"
Connection	½" MNPT
Float sizes	1"
Float MOC	Buna-N, 304/316 SS, PVC, PP, Teflon
Float stops	Retaining ring or set collar
Wire length	To be specified
Float number	1, 2, 3, 4, 5 or more
Contact type	Reed switch
Stem diameter available	¼", ½"
Max. switch assembly length	235"





Electronics

Wattage available	10W, 50W, 100W
Voltages to be used	24VDC, 115VAC, 240VAC, others
Max current (amps)	
10W	24DC (0.4A), 115AC (0.08A), 240AC (0.04A)
50W	24DC (1.0A), 115AC (0.4A), 240AC (0.2A)
100W	24DC (3.0A), 115AC (0.8A), 240AC (0.4A)
Float operation	N.O. or N.C.
Specific gravities available	0.60 and 0.93 SG



The FLS Series custom single or multiple level switches are highly customizable. Nearly any option you can think of, we can provide you. Multi-level float sensors are typically used for level monitoring, combining a pump or valve control signal with an alarm signal. Another common use for our multi-level sensor is to provide redundant alarm indications.
These liquid level sensors are available with many different materials including stainless steel, brass, polypropylene, PVC, Teflon and more. Many float options are available, including round floats that work well when there is a possibly of sentiment accumulating on the top of the float.

The FLS float sensor design is engineered using the best components and manufacturing techniques to insure a quality, reliable level sensor suitable for the most demanding applications.
The water level three level float sensor allows for actuation points measuring from ½" minimum to 235″ or more. It is possible to have the two switch points as close as ¼" from each other with no limit on how far apart they can be.

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