

Floor Water Level Sensor - FLS Series

Function

The Floor water level sensor can be installed as a fixed or movable type sensor. The fixed type can be installed on an electrical stub up while movable type is connected with a flexible cable in the side enabling it to be moved within the reach of the cable. The electronic sensor(s) automatically monitor quick fill and safe off functions.

The sensors are 40mm adjustable in height. Low voltage for safety. To be used in conjunction with water level controller (WLC series) for controlling solenoid valves or other requirement. Available with 1, 2 or 3 sensors for quick fill, safe-off or maximum level control.



Specifications

Materials

Stainless steel 316,
Cast Bronze, Cord Seal

Protection Rating

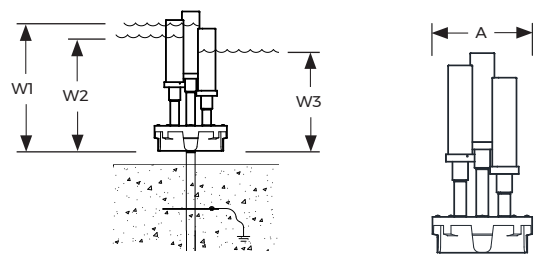
IP68

Electrical Connection

Volt Free Contact

Connection type

Female thread (side or bottom)



Fixed type Floor Water Level Sensor

Model No.	No. of Sensors	Sensor Controls	Sensing Application	Bottom Connection (BSP)	W1 (mm)	W2 (mm)	W3 (mm)	A (mm)	B (mm)
FLS-F-100Q	1	Quick fill	Quick fill	1/2"	325	-	-	115	63
FLS-F-100S	1	Safe-off	Safe-off	1/2"	325	-	-	115	63
FLS-F-200	2	Quick fill + Safe-off	Quick fill & Safe-off	1/2"	325	303	-	115	63
FLS-F-300H	3	Hi-Alarm + Quick fill + Safe-off	Hi-Alarm	3/4"	325	303	314	115	63
FLS-F-300W	3	Quick fill + Running sensor + Safe-off	Water fill	3/4"	325	303	314	115	63
FLS-F-300D	3	Quick fill Off + Quick fill On + Safe-off	Differential fill	3/4"	325	303	314	115	63

Moveable type Floor Water Level Sensor

Model No.	No. of Sensors	Sensor Controls	Sensing Application	Bottom Connection (BSP)	W1 (mm)	W2 (mm)	W3 (mm)	A (mm)	B (mm)
FLS-M-100Q	1	Quick fill	Quick fill	1/2"	325	-	-	115	63
FLS-M-100S	1	Safe-off	Safe-off	1/2"	325	-	-	115	63
FLS-M-200	2	Quick fill + Safe-off	Quick fill & Safe-off	1/2"	325	303	-	115	63
FLS-M-300H	3	Hi-Alarm + Quick fill + Safe-off	Hi-Alarm	3/4"	325	303	314	115	63
FLS-M-300W	3	Quick fill + Running sensor + Safe-off	Water fill	3/4"	325	303	314	115	63
FLS-M-300D	3	Quick fill Off + Quick fill On + Safe-off	Differential fill	3/4"	325	303	314	115	63

Water Level Sensor	FLS Series	Model No. FLS	Rev. 1	
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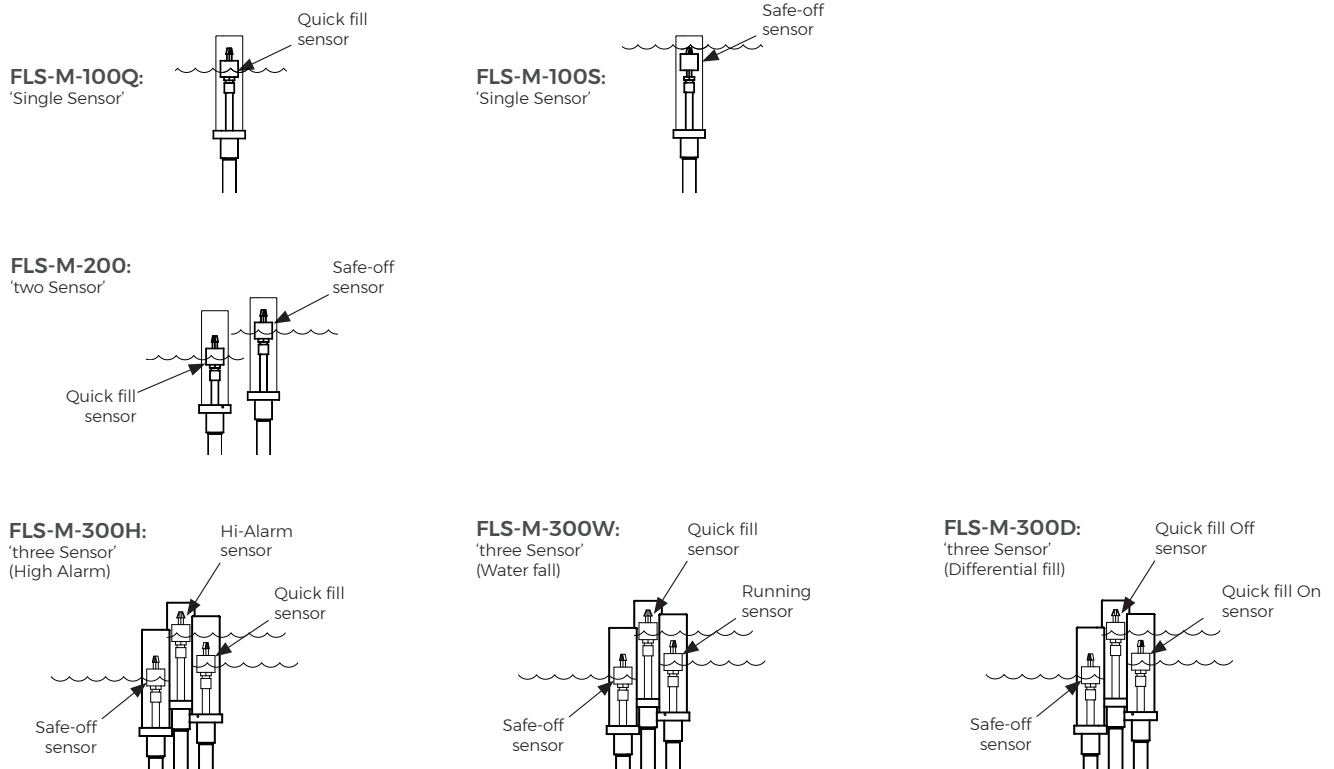
Note:

- Safe-off operation shuts off all in-pool electrical functions during low level conditions.
- Quick fill operation triggers fresh water supply valve to replenish the water loss in the pool.

** check installation manual for a more detailed explanation.

* Maximum water level shown, custom heights available on request.

Sample sensor usage:




Accessories (Sold Separately)



Water Level Controller
 * WLC-100 (for single sensor)
 * WLC-200 (for two sensor)
 * WLC-300 (for three sensor)



Water Level Controller
 * WLC-1000

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