



Float Level Switch FL11x

Description

The FL-11x sealed float switch is a switch which regulates the fluid level in a tank or well. The unit is water resistant and is capable of being used for oil, most acids and alkalis. The float contains a micro switch inside a water tight enclosure and is connected by a flexible cable.

Features

- Adjustable switching point
- Easy to install
- Reliable and maintenance free



Technical Specification

- Operating temp:** 0...+70°C
Protection: IP68
Switch rating: 10(8)A SPDT @ 250Vac
Max. Pressure: 1 bar
Dimensions: 97 x 79 x 65mm (without paddle)

Order Codes

- FL113** Float Level Switch - 3 metre cable
FL115 Float Level Switch - 5 metre cable
FL118 Float Level Switch - 8 metre cable

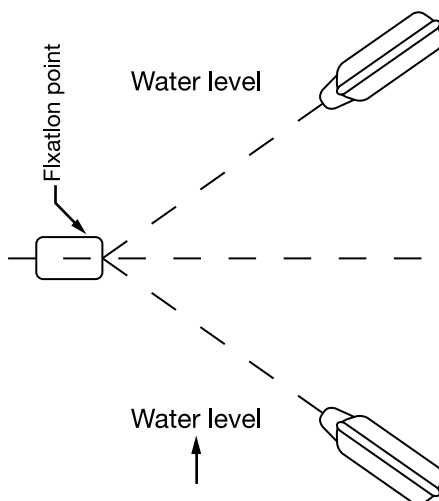
Operation

The desired on/off differential is obtained by simply lengthening or shortening the cable fixation point. Any desired liquid level can be achieved by moving the cable fixation in an up or down direction.

A counterweight is provided to help facilitate this.

Installation of the Counterweight

1. Insert the cable through the counterweight from the conical end and rotate it, thus causing the plastic ring inside to become detached. The ring should then be positioned at the point where it is desired to hold the counterweight.
2. Using slight pressure, force the counterweight onto the plastic ring to hold it in place.

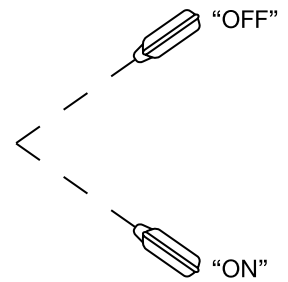


Wiring Connection

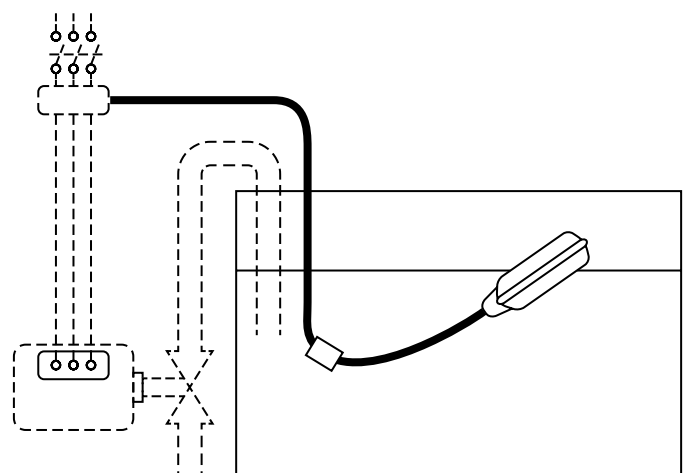
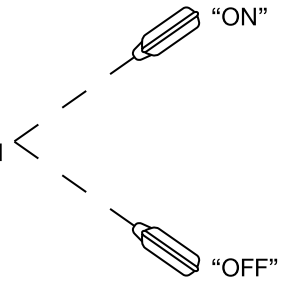
Connect the switch in accordance with switch action required:

- Blue = the "ON" switch action is to fill
- Black
- Brown = the "ON" switch action is to empty

To fill:
Core connection = BLACK/BLUE



To empty:
Core connection = BLACK/BROWN



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