



# 2FK1R-ROD FloatKiller Sensor Submittal

## 1 Single-Point Switch with Common Relay

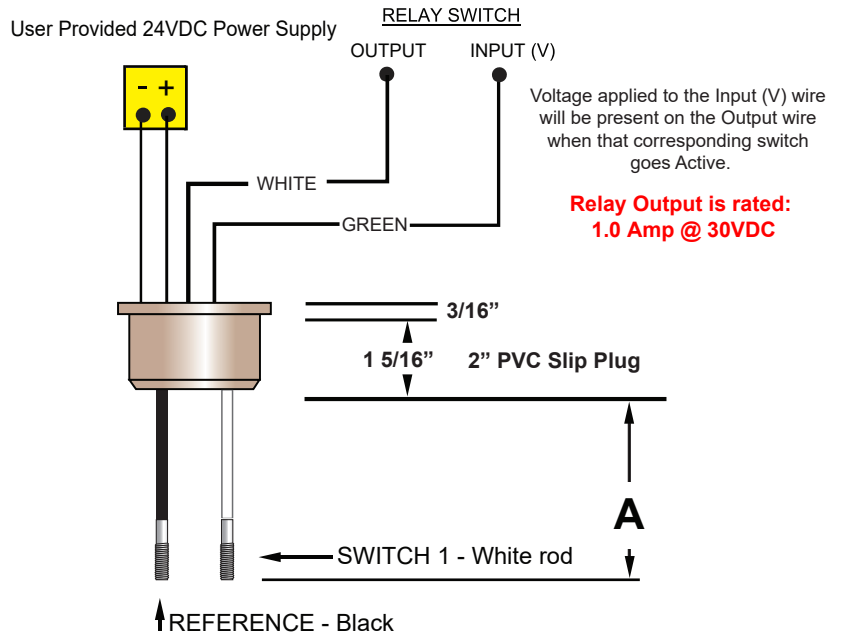
### SENSOR APPROVAL SHEET

CUSTOMER
PO#
SO#
SHIP DATE
QUANTITY
WIRE LENGTH (ft)

**SENSOR WIRE:**  
 Standard wire length is 20ft.  
 Minimum wire length is 5ft.  
 18AWG Sensor Wire

**SENSOR INPUT POWER:**  
 RED.....+24VDC  
 BLUE.....GND  
 GREEN.....INPUT (V)

**SENSOR OUTPUT WIRE:**  
 WHITE.....SWITCH 1



**Sequence of Operation (SOO):**

**Function 1: Single Point Switch**

When the water level contacts the White rod, WHITE output goes ACTIVE, applying INPUT (V).

When the water level drops below the White rod, WHITE output goes INACTIVE, removing INPUT(V).

All rods are 304 stainless steel with 1/4-20 threaded ends.  
 Sensor rods can be extended using an Extension Rod kit accessory.  
 Sensor rods & wires are Intrinsically safe with circuit limited signals.

Custom rod length requests should be measured from where the bottom of the sensor cup will be seated after mounting, down to the required function or alarm level(s) in inches. Be sure to take into account any riser pipes or man-way risers.

System Dynamics, Inc.  
 P.O. Box 12544  
 Scottsdale, Arizona 85260  
 Toll Free: 866-243-2505  
 sales@waterlevelcontrols.com  
 www.waterlevelcontrols.com

SENSOR		ROD LENGTH	
		STANDARD	CUSTOM
Green	SWITCH 1	A	17"
Black	same length as longest rod		

Name:

Company:

Signature:

Date: