



# 3FK3-STK FloatKiller Stick Submittal

## 3 Single-Point Switches

### 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  
**INPUT DC POWER:**  
RED.....+VDC  
BLACK.....-VDC

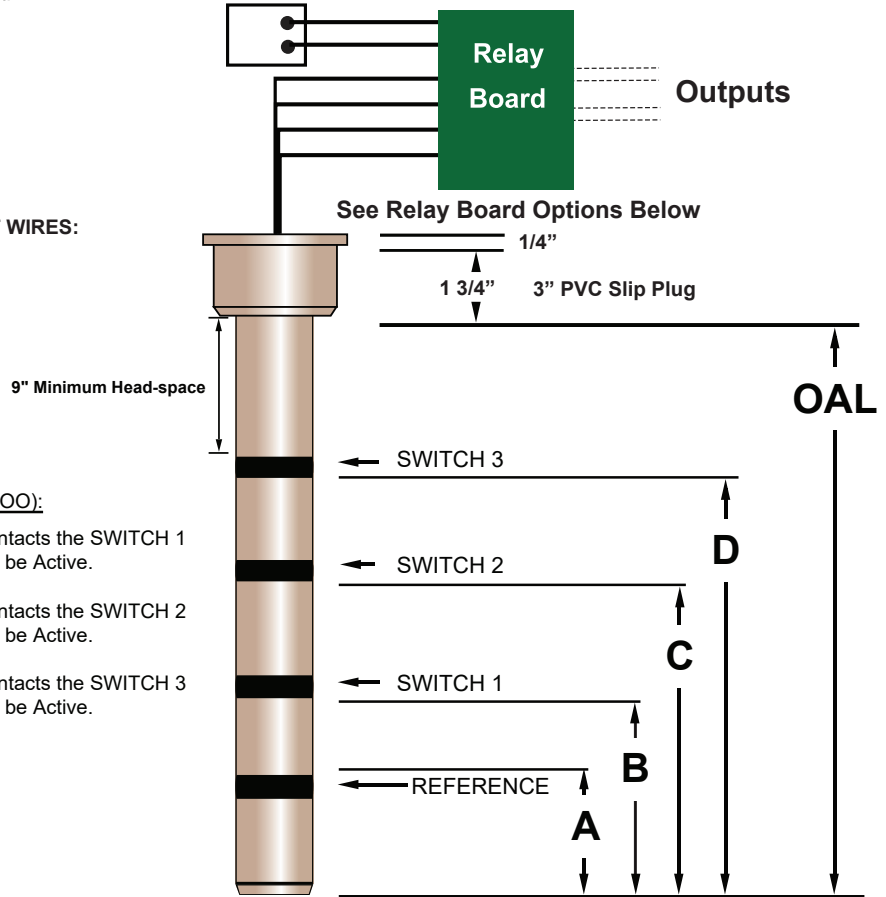
**RELAY SWITCH OUTPUT WIRES:**  
WHITE.....SWITCH 1  
GREEN.....SWITCH 2  
BROWN.....SWITCH 3

Sequence of Operation (SOO):  
**Switch 1:** When water contacts the SWITCH 1 ring, SWITCH 1 output will be Active.  
**Switch 2:** When water contacts the SWITCH 2 ring, SWITCH 2 output will be Active.  
**Switch 3:** When water contacts the SWITCH 3 ring, SWITCH 3 output will be Active.

**Components**  
3" PVC Slip Fitting cup.  
1" Schedule 40 PVC Pipe with 3/4" passivated Stainless Steel rings (1" overall ring assembly).  
18AWG Sensor Wire.

**Determining Ring Placement**  
Measurement B is from the bottom of the ring to the bottom of the sensor stick. 3-1/2" minimum between rings.  
The Over All Length is measured from the bottom of the sensor cup to the bottom of the sensor stick.

110/220 VAC Input Transformer



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SENSOR		CUSTOM LENGTH
OAL		D + 9"
SWITCH 3	D	
SWITCH 2	C	
SWITCH 1	B	
REFERENCE	A	3.5"

Unless otherwise noted below, all relay outputs are Dry Contact

RELAY BOARD	INPUT #	OUTPUT #			
		NO	NO	NO	NC
RPB-24-NO	1, 2, 3	1	2	3	
RPB-24-NC	1, 2, 4	1	2		4
RPB-24-NO-TB	1, 2, 3	1*	2*	3	
RPB-24-NC-TB	1, 2, 4	1*	2*		4
RPB-24-PF	1, 2, 3	1	2	3	4**

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Signature is required to release product to production

\* Used for 24VDC switch output    \*\*Used for Power Fault detection