



# 3FK3-ROD FloatKiller Sensor Submittal

## 3 Single-Point Switches

### SENSOR APPROVAL SHEET

CUSTOMER		<b>SENSOR WIRE:</b> Standard wire length is 20ft. Minimum wire length is 5ft. 18AWG Sensor Wire	<p style="text-align: center;">24VAC Class 2 Input</p> <p style="text-align: center;">Mini Control Board</p> <p style="text-align: center;">Outputs</p> <p style="text-align: center;">Sensor Output Wires</p> <p style="text-align: center;">See Mini Control Board Options Matrix Below</p> <p style="text-align: center;">1/4"</p> <p style="text-align: center;">1 3/4" 3" PVC Slip Plug</p> <p style="text-align: center;">C</p> <p style="text-align: center;">SWITCH 3 - Brown rod</p> <p style="text-align: center;">B</p> <p style="text-align: center;">SWITCH 2 - Green rod</p> <p style="text-align: center;">A</p> <p style="text-align: center;">REFERENCE - Black</p> <p style="text-align: center;">SWITCH 1 - White rod</p> <p style="text-align: center;">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 &amp; wires are Intrinsically safe with circuit limited signals.</p>
PO#		<b>SENSOR INPUT POWER:</b> RED.....+24VDC BLUE.....GND	
SO#		<b>SENSOR OUTPUT WIRES:</b> WHITE.....SWITCH 1 GREEN.....SWITCH 2 BROWN.....SWITCH 3	
SHIP DATE		<b>Sequence of Operation (SOO):</b>	
QUANTITY		<b>Switch 1:</b> When water contacts the SWITCH 1 rod, SWITCH 1 output will be Active. When water is below SWITCH 1 rod, SWITCH 1 output will be Inactive.	
WIRE LENGTH (ft)		<b>Switch 2:</b> When water contacts the SWITCH 2 rod, SWITCH 2 output will be Active. When water is below SWITCH 2 rod, SWITCH 2 output will be Inactive.  <b>Switch 3:</b> When water contacts the SWITCH 3 rod, SWITCH 3 output will be Active. When water is below the SWITCH 3 rod, SWITCH 3 output will be Inactive.	
System Dynamics, Inc. P.O. Box 12544 Scottsdale, Arizona 85260 Toll Free: 866-243-2505 sales@waterlevelcontrols.com www.waterlevelcontrols.com		<p>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.</p>	

SENSOR		ROD LENGTH	
		STANDARD	CUSTOM
Brown	SWITCH 3	C	14"
Green	SWITCH 2	B	15 1/2"
White	SWITCH 1	A	16 3/8"
Black	same length as longest rod		

Unless otherwise noted below, all relay outputs are Dry Contact

MINI CONTROL BOARD OPTIONS	INPUT #	OUTPUT #			
		NO	NO	NO	NO/NC
MCB-24VAC	1, 2, 3	1	2	3	4**
MCB-24VAC-TB	1, 2, 3	1*	2*	3	4**

\* Used for 24VDC switch output

\*\*Use Input #4 for NO or NC Dry Contact output option

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

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

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

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

Signature is required to release product to production