



3FK4-ROD FloatKiller Sensor Submittal

4 Single-Point Switches

SENSOR APPROVAL SHEET

CUSTOMER	SENSOR WIRE: Standard wire length is 20ft. Minimum wire length is 5ft.	110/220 VAC Input Transformer Relay Board Outputs See Relay Board Options Below
PO#	18AWG Sensor Wire	
SO#	INPUT DC POWER: RED.....+VDC BLACK.....-VDC	
SHIP DATE	RELAY SWITCH OUTPUT WIRES: WHITE.....SWITCH 1 GREEN.....SWITCH 2 BROWN.....SWITCH 3 BLUE.....SWITCH 4	
QUANTITY	Sequence of Operation (SOO): Switch 1: When water contacts the White rod, SWITCH 1 output will be Active. Switch 2: When water contacts the Green rod, SWITCH 2 output will be Active. Switch 3: When water contacts the Brown rod, SWITCH 3 output will be Active. Switch 4: When water contacts the Blue rod, SWITCH 4 output will be Active.	
WIRE LENGTH (ft)		

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

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.

SENSOR		ROD LENGTH	
		STANDARD	CUSTOM
Blue	SWITCH 4	D	10 3/8"
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

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

* Used for 24VDC switch output

Name:

Company:

Signature:

Date:

Signature is required to release product to production