

3CPF04-ROD SmartProbe Sensor Submittal

Simplex Fill with Low & High Alarms



SENSOR APPROVAL SHEET

CUSTOMER PO# SO# SHIP DATE QUANTITY WIRE LENGTH (ft)	<p>SENSOR WIRE: Standard wire length is 20ft. Minimum wire length is 5ft. 18AWG Sensor Wire</p> <p>INPUT DC POWER: RED.....+VDC BLACK.....GND</p> <p>FUNCTION WIRE COLOR: WHITE.....FILL START/STOP GREEN.....HIGH ALARM BROWN.....LOW ALARM</p> <p>Three functions - shortest to longest rod length</p> <p>Function 1: High Alarm When the water level contacts the GREEN rod, GREEN output goes Active. When the water level falls below the GREEN rod, GREEN output goes Inactive.</p> <p>Function 2: Fill Start/Stop ORANGE AND WHITE rods are a differential function through the WHITE output wire. When the water level falls below the WHITE rod, WHITE output goes Active. When the water level contacts the ORANGE rod, WHITE output goes Inactive. The WHITE output remains Inactive until the water level falls below the WHITE rod.</p> <p>Function 3: Low Alarm When the water level contacts the BROWN rod, BROWN output goes Inactive. When the water level falls below the BROWN rod, BROWN output goes Active.</p>	<p>110/220 VAC Input</p> <p>See Relay Board Options Matrix Below</p> <p>1 3/4" 3" PVC Slip Plug</p> <p>1/4"</p> <p>A B C D</p> <p>← HIGH ALARM - Green</p> <p>← FILL STOP - Orange</p> <p>← FILL START - White</p> <p>← LOW ALARM - Brown</p> <p>↑ REFERENCE - Black</p> <p>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.</p> <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>
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SENSOR		ROD LENGTH	
		STANDARD	CUSTOM
Green	FUNCTION 1	A	10 3/8"
Orange	FUNCTION 2	B	14 7/8"
White	FUNCTION 3	C	16 3/8"
Brown	FUNCTION 4	D	17"
Black	same length as longest rod		

RELAY BOARD	INPUTS	OUTPUTS
RPB-12-3-NO	1, 2, 3	1, 2, 3
RPB-12-3-NC	1, 2, 4	1, 2, 4
RPB-24-3-NO	1, 2, 3	1, 2, 3
RPB-24-3-NC	1, 2, 4	1, 2, 4

Name: _____

Company: _____

Signature: _____

Date: _____

Signature is required to release product to production