



2SPF02-ROD SmartProbe Sensor Submittal

Simplex Fill with Low Alarm

SENSOR APPROVAL SHEET

CUSTOMER	SENSOR WIRE: Standard wire length is 20ft. Minimum wire length is 5ft.	<p>24VAC Input Power</p> <p>Mini Control Board</p> <p>WHITE</p> <p>GREEN</p> <p>Sensor Output Wires</p> <p>See Relay Board Options Below</p> <p>3/16"</p> <p>1 5/16" 2" PVC Slip Plug</p> <p>A</p> <p>B</p> <p>C</p> <p>REFERENCE - Black</p> <p>FILL STOP - Orange</p> <p>FILL START - White</p> <p>LOW ALARM - Brown</p> <p>Outputs</p>
PO#	18AWG Sensor Wire	
SO#	SENSOR INPUT POWER: RED.....+24VDC BLUE.....GND	
SHIP DATE	SENSOR OUTPUT WIRES: WHITE.....FILL START/STOP GREEN.....LOW ALARM	
QUANTITY	Sequence of Operation (SOO):	
WIRE LENGTH (ft)	<p>Function 1: Fill Start/Stop When the water level is below the White rod, White output will be Active.</p> <p>When the water level contacts the Orange rod, White output will be Inactive.</p> <p>The White output will remain Inactive until the water level drops below the White rod.</p> <p>Function 2: Low Alarm When the water level is below the Brown rod, Brown output will be Active. When the water level is at or above the Brown rod, Brown output will be Inactive.</p>	

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.

		ROD LENGTH		
SENSOR		STANDARD	CUSTOM	
Orange	FILL STOP	A	14-7/8"	
White	FILL START	B	16-3/8"	
Brown	LOW ALARM	C	17"	
Black	same length as longest rod			

MINI CONTROL BOARD 237216		O TP T			
INP T		NO	NO	NO	NO/NC
M	A	F	2		4EE
T C O - 24 X C E C - V O	F E A 2	F E	2 E		4 E E

Name: _____

Company: _____

Signature: _____

Date: _____

Signature is required to release product to production