

# 3CP4R SmartProbe Sensor Submittal



Simplex Fill with Low & High Alarms  
and Common Relay

## SENSOR APPROVAL SHEET

CUSTOMER  PO#  SO#  SHIP DATE  QUANTITY  WIRE LENGTH (ft)	<p><b>SENSOR WIRE:</b> Standard wire length is 20ft. Minimum wire length is 5ft. 18AWG Sensor Wire</p> <p><b>INPUT DC POWER:</b> RED.....+VDC BLACK.....GND</p> <p><b>RELAY SWITCH WIRES:</b> WHITE.....FILL START/STOP GREEN.....HIGH ALARM BROWN.....LOW ALARM BLUE.....INPUT VOLTAGE (V)</p> <p><b>Specify DC Voltage Requirement</b>  <input type="checkbox"/> 12VDC  <input type="checkbox"/> 24VDC</p> <p>7KUHHIQFWLRQMKRUWHVWWRORQHVWURGOHOKW                  )QFWLRQHLKODUP                  :KHQDWHUOHYHOERQWDFWV(1URG(1                  RWSWLUHRHV&amp;7;(KHQDWHUOHYHOIDOOV                  EHOR(1URG(1RWSWLUHRHV                  1&amp;7;(</p> <p>)QFWLRQILOO6WDUW6WRS                  2(1URGVDUHDGLIHUHQWLDQ                  IQFWLRQWKURKWK(7(RWSWLUH                  :KHQDWHUOHYHOIDOOVEHOR(7(URG(7                  RWSWLUHRHV&amp;7;(KHQDWHUOHYHO                  FRQWDFWV2(1URG(7(RWSWLUHRHV                  1&amp;7;(7(RWSWLUHUHPDLQV1&amp;7;(Q                  QWLODWHUOHYHOIDOOVEHOR(7(URG</p> <p>)QFWLRQIRODUP                  )QFWLRQ(7;(KHQDWHUOHYHOERQWDFWV                  2(1URG2(1RWSWLUHRHV                  1&amp;7;(KHQDWHUOHYHOIDOOVEHOR2(1                  URG2(1RWSWLUHRHV&amp;7;(</p>	<div style="display: flex; justify-content: space-between;"> <div> <p>User Provided DC Power Supply</p> </div> <div> <p>RELAY SWITCH</p> <p>OUTPUTS    INPUT (V)</p> </div> </div> <p>Voltage applied to the Input (V) wire will be present on the Output wire when that corresponding switch goes Active. <b>Rated 1.0 Amp @ 30VDC</b></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 &amp; 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>
-----------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

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

SENSOR		ROD LENGTH	
		STANDARD	CUSTOM
Green	HIGH ALARM	A	10 3/8"
Orange	FILL STOP	B	14 7/8"
White	FILL START	C	16 3/8"
Brown	LOW ALARM	D	17"
Black	same length as longest rod		

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

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

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

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