



3SPD16R-ROD SmartProbe Sensor Submittal

Simplex Pump Down with High Alarm and Common Relay

SENSOR APPROVAL SHEET

CUSTOMER		SENSOR WIRE: Standard wire length is 20ft. Minimum wire length is 5ft. 18AWG Sensor Wire	<div style="text-align: center;"> </div> <p style="text-align: right; color: red; font-weight: bold;">Each Relay Output is rated: 1.0 Amp @ 30VDC</p>
PO#		SENSOR INPUT POWER: RED.....+24VDC BLUE.....GND BROWN.....INPUT (V)	
SO#		SENSOR OUTPUT WIRES: WHITE.....PUMP START/STOP GREEN.....HIGH ALARM	
SHIP DATE			
QUANTITY			
WIRE LENGTH (ft)		Sequence of Operation (SOO): Function 1: High Alarm When the water level contacts the GREEN rod, GREEN output goes ACTIVE, applying INPUT (V). When the water level falls below the GREEN rod, GREEN output goes INACTIVE, removing INPUT (V). Function 2: Pump 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, applying INPUT (V). When water level contacts the ORANGE rod, WHITE output goes INACTIVE, removing INPUT (V). The WHITE output remains INACTIVE until the water level falls below WHITE rod.	

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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
Green	HIGH ALARM	A	10 3/8"
Orange	PUMP START	B	15 1/2"
White	PUMP STOP	C	17"
Black	same length as longest rod		

Name: _____

Company: _____

Signature: _____

Date: _____