

3CPD16R-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	<p style="text-align: right; color: red;">Each Relay Output is rated: 1.0 Amp @ 30VDC</p>
PO#		INPUT DC POWER: RED.....+VDC BLACK.....GND	
SO#		RELAY SWITCH WIRES: WHITE.....PUMP START/STOP GREEN.....HIGH ALARM BROWN.....INPUT VOLTAGE (V)	
SHIP DATE			
QUANTITY		Specify DC Voltage Requirement <input type="checkbox"/> 12VDC <input type="checkbox"/> 24VDC	
WIRE LENGTH (ft)		Sequence of Operation (SOO): Function 1: High Alarm When water level contacts GREEN rod, GREEN output wire goes ACTIVE. When water level falls below GREEN rod, GREEN output wire goes INACTIVE. Function 2: Pump Start/Stop ORANGE AND WHITE rods are a differential function through the WHITE output wire. When water level falls below WHITE rod, WHITE output wire goes ACTIVE. When water level contacts ORANGE rod, WHITE output wire goes INACTIVE. The WHITE output wire remains INACTIVE until water level falls below WHITE rod.	

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.

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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:

Signature is required to release product to production