

2CP16R SmartProbe Sensor Submittal



**Simplex Pump Down with High Alarm
and Common Relay**

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>RELAY SWITCH WIRES: WHITE.....FILL START/STOP GREEN.....HIGH ALARM BROWN.....COMMON INPUT (V)</p> <p>Specify DC Voltage Requirement <input type="checkbox"/> 12VDC <input type="checkbox"/> 24VDC</p> <p><u>HTHQFHRI2SHUDWLRQ22</u></p> <p>Function 1: High Alarm When water level contacts HIGH ALARM ring, GREEN output wire goes ACTIVE. When water level falls below HIGH ALARM ring, GREEN output wire goes INACTIVE.</p> <p>Function 2: Pump Start/Stop When water level contacts the PUMP START ring, the WHITE output wire goes ACTIVE. When the water level falls below the PUMP STOP ring, the WHITE output wire goes INACTIVE. The WHITE output wire remains INACTIVE until water contacts the PUMP START ring.</p> <p>Components PVC Slip Fitting cup. 1" Schedule 40 PVC Pipe with 3/4" passivated Stainless Steel rings (1" overall ring assembly). 18AWG Sensor Wire.</p> <p>Determining Ring Placement Measurement B is from the bottom of the ring to the bottom of the sensor stick. 3-1/2" minimum between rings. The Over All Length is measured from the bottom of the sensor cup to the bottom of the sensor stick.</p>	<div style="text-align: center;"> </div> <p style="text-align: center;">User Provided DC Power Supply</p> <p style="text-align: center;">RELAY SWITCH</p> <p style="text-align: center;">OUTPUTS INPUT (V)</p> <p style="text-align: center;">BLACK V- RED V+ WHITE GREEN BROWN</p> <p style="text-align: center;">Voltage applied to the Input (V) wire will be present on the Output wire when that corresponding switch goes Active. Rated 1.0 Amp @ 30VDC</p> <p style="text-align: center;">3/16" 1 5/16" 2" PVC Slip Plug</p> <p style="text-align: right;">OAL</p> <p style="text-align: center;">← HIGH ALARM ← PUMP START ← PUMP STOP ← REFERENCE</p> <p style="text-align: center;">A B C D</p>
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SENSOR		CUSTOM LENGTH
OAL		D + 9"
HIGH ALARM	D	
PUMP START	C	
PUMP STOP	B	
REFERENCE	A	3.5"

Name: _____

Company: _____

Signature: _____

Date: _____