

3CPD24R-STK SmartProbe Stick Submittal



Duplex Pump Down with Sequence On - All Off & High Alarm and Common Relay

SENSOR APPROVAL SHEET

| | |
|------------------|--|
| CUSTOMER | |
| PO# | |
| SO# | |
| SHIP DATE | |
| QUANTITY | |
| WIRE LENGTH (ft) | |

SENSOR WIRE:

Standard wire length is 20ft.

Minimum wire length is 5ft.

18AWG Sensor Wire

INPUT DC POWER:

RED.....+VDC

BLACK.....GND

BLUE.....INPUT (V)

RELAY SWITCH OUTPUT WIRES:

WHITE.....PUMP 1

BROWN.....PUMP 2

GREEN.....HIGH ALARM

Specify DC Voltage Requirement

12VDC

24VDC

Sequence of Operation (SOO):

Function 1: Pump 1 Start

When the water level contacts the PUMP 1 START ring, the White Output wire goes Active (Pump 1 Start). The White Output wire remains Active until the water level falls below the PUMP 1 & 2 STOP ring.

Function 2: Pump 2 Start

When the water level contacts the PUMP 2 START ring, the Brown Output wire goes Active (Pump 2 Start). The Brown Output wire remains Active until the water level falls below the PUMP 1 & 2 Stop ring.

Function 3: High Alarm

When the water level contacts the HIGH ALARM ring, the Green Output wire will be Active (High Alarm).

When the water level is below the HIGH ALARM ring, the Green Output wire will be Inactive.

Components:

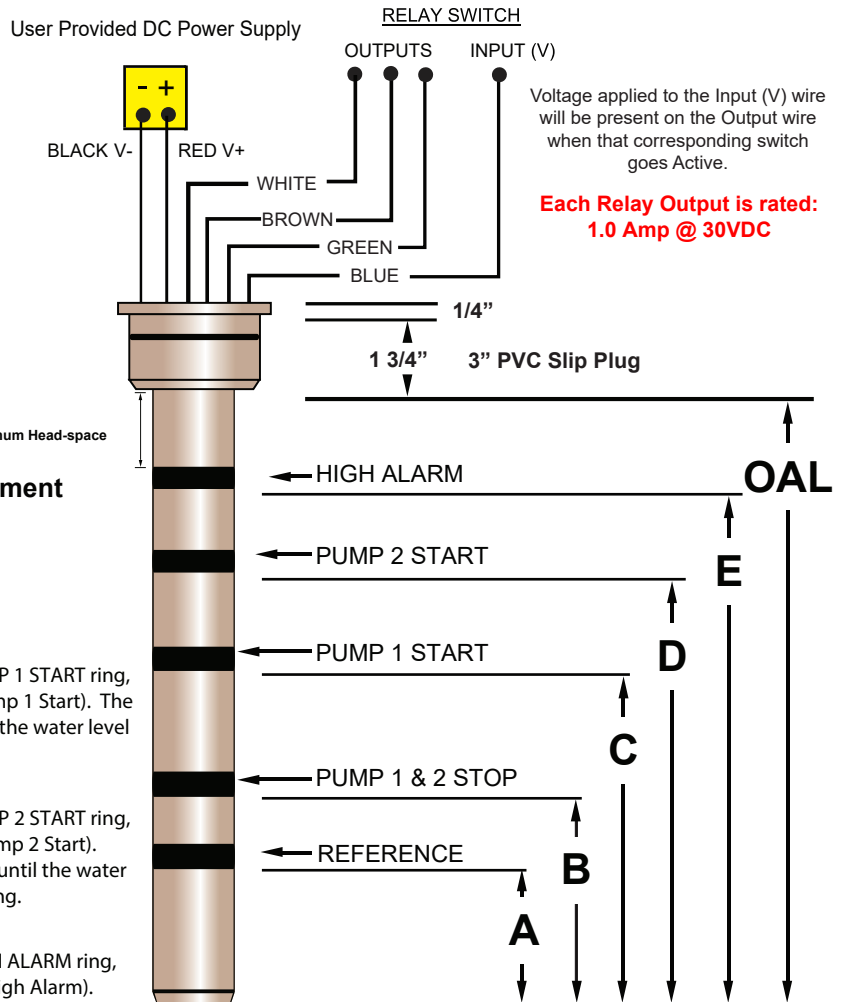
PVC Slip Fitting cup.

1" Schedule 40 PVC Pipe with 3/4" passivated Stainless Steel rings (1" overall ring assembly).

18AWG Sensor Wire.

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.



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| SENSOR | | CUSTOM LENGTH |
|-----------------|---|---------------|
| OAL | | E + 9" |
| HIGH ALARM | E | |
| PUMP 2 START | D | |
| PUMP 1 START | C | |
| PUMP 1 & 2 STOP | B | |
| REFERENCE | A | 3.5" |

Name: _____

Company: _____

Signature: _____

Date: _____

Signature is required to release product to production