



3SPD26R-ROD SmartProbe™ Sensor Submittal

Simplex Pump Down with Oil Fault, High Oil & High Water Alarms

SENSOR APPROVAL SHEET

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| CUSTOMER | SENSOR WIRE: Standard wire length is 20ft. Minimum wire length is 5ft. |
| PO# | 18AWG Sensor Wire SENSOR INPUT POWER: RED.....+24VDC BLUE.....GND BLACK.....INPUT (V) |
| SO# | SENSOR OUTPUT WIRES: WHITE WIRE.....PUMP ON/OFF GREEN WIRE.....HIGH ALARM BROWN WIRE.....OIL FAULT ORANGE WIRE.....OIL HIGH ALARM |
| SHIP DATE | Sequence of Operation (SOO): Function 1: Pump Start/Stop When the water level contacts the Brown rod, the White output wire (Pump On) will be Active. When the water level falls below the Blue rod, the White output wire (Pump Off) will be Inactive. |
| QUANTITY | Function 2: Oil Fault When the OIL FAULT ALARM FLOAT is raised, the Brown output wire (Oil Fault) will be Active. When the OIL FAULT ALARM FLOAT is NOT raised, the Brown output wire will be Inactive. |
| WIRE LENGTH (ft) | Function 3: High Water Alarm When the water level contacts the Green rod, the Green output wire (High Alarm) will be Active. When the water level is below the Green rod, the Green output wire will be Inactive. |
| | Function 4: High Oil Alarm When the HIGH OIL ALARM FLOAT is raised, the Blue output wire (High Oil Alarm) will be Active. When the HIGH OIL ALARM FLOAT is NOT raised, the Blue output wire will be Inactive. |

User Provided 24VDC Power Supply

RELAY SWITCH

OUTPUTS

INPUT (V)

Voltage applied to the Input (V) wire will be present on the Output wire when that corresponding switch goes Active.

Each Relay Output is rated: 1.0 Amp @ 30VDC

RED V+ WHITE BROWN GREEN ORANGE BLACK

1 3/4" 3" PVC Slip Plug

A B C D E

HIGH OIL ALARM

HIGH WATER ALARM - Green rod

OIL FAULT ALARM

PUMP ON - Brown rod

PUMP OFF - Blue rod

REFERENCE - Black

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 |
| | HIGH OIL | A | 4" |
| Green | HIGH WATER | B | 5-1/2" |
| | OIL FAULT | C | 6-3/4" |
| Brown | PUMP OFF | D | 8-1/4" |
| Blue | PUMP ON | E | 17" |
| Black | same length as longest rod | | |

Name:

Company:

Signature:

Date:

Signature is required to release product to production