

Product information presented here reflects conditions at time of publication. Consult factory regarding discrepancies or inconsistencies.



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## Connecting a 61 HD Series to a Control Panel without Moisture/Thermal sensor Capabilities

The sensor cord provided with your pump is a separate 5 wire cord from the pump's power cord. This sensor cord should be installed in the control panel whether the panel has the option for moisture and thermal or not. If the panel does NOT include the moisture and thermal connections, simply follow the below steps for proper installation. For control panels that include the moisture and thermal connections, please follow the instruction manual/wiring diagram included with the panel.

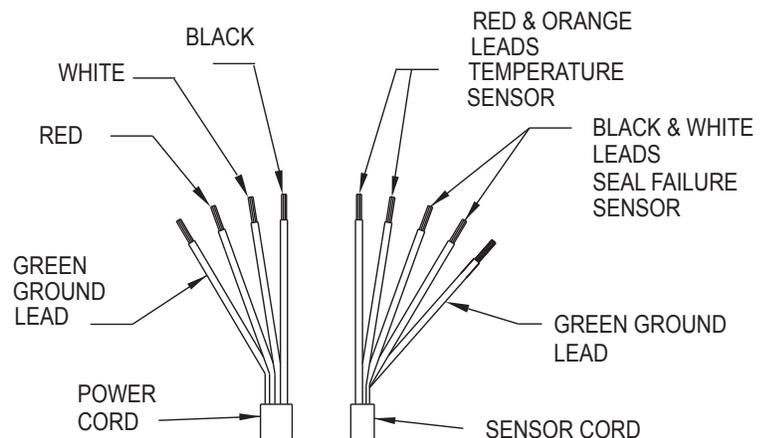
### Thermal Protection Sensors

The thermal protection sensor wires (red and orange) are a closed circuit. With no connection point in the panel, the red and orange wire should be connected to each other utilizing a wire nut inside the panel. If these wires are capped off individually, the pumps will **NOT** operate due to an OPEN circuit.

### Moisture Sensors

The moisture sensors wires (black and white) should be capped off individually utilizing a wire nut inside the panel. **Note:** *Not utilizing the moisture sensors eliminates any possible early indication of a shaft seal failure. Systems without the moisture sensor connected should be serviced for periodic preventative maintenance schedule.*

### PHASE POWER AND SENSOR CORD, LEAD IDENTIFICATION



ZEPA0039E

All standard warranty coverage is still intact provided that the pump is connected properly per manufacturer's installation recommendation and any/all local or national electrical codes that may apply. If there are any additional questions concerning connections and proper installation, please reach out to us at 800-928-7867 Option #6 or email us at [zcotechnical@zoeller.com](mailto:zcotechnical@zoeller.com).