<table>
<thead>
<tr>
<th>CONNECTION</th>
<th>SIGNAL</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>J1 +</td>
<td>PWR</td>
<td>This pin should be connected to the positive output of the driver power source. The maximum applied voltage should not exceed +50 VDC.</td>
</tr>
<tr>
<td>J1 -</td>
<td>GND</td>
<td>This pin should be connected to the negative output of the driver power source.</td>
</tr>
<tr>
<td>J4 +</td>
<td>CMD1</td>
<td>The command for solenoid -1 should be connected to this pin. This input is TTL / CMOS compatible. However, this input must not exceed the voltage applied to J1 +.</td>
</tr>
<tr>
<td>J4 -</td>
<td>GND</td>
<td>This pin may be used as the return for CMD1.</td>
</tr>
<tr>
<td>J6 +</td>
<td>CMD2</td>
<td>The command for solenoid -2 should be connected to this pin. This input is TTL / CMOS compatible. However, this input must not exceed the voltage applied to J1 +.</td>
</tr>
<tr>
<td>J6 -</td>
<td>GND</td>
<td>This pin may be used as the return for CMD2.</td>
</tr>
<tr>
<td>J2 +</td>
<td>PWR</td>
<td>This pin should be connected to one terminal of solenoid-1.</td>
</tr>
<tr>
<td>J2 -</td>
<td>SOL1</td>
<td>This pin should be connected to the other terminal of solenoid-1</td>
</tr>
<tr>
<td>J3 +</td>
<td>PWR</td>
<td>This pin should be connected to one terminal of solenoid-2.</td>
</tr>
<tr>
<td>J3 -</td>
<td>SOL2</td>
<td>This pin should be connected to the other terminal of solenoid-2.</td>
</tr>
</tbody>
</table>

Pick and Hold Module Pin Assignment and Description
Warning:

Handling the Pick and Hold module shall be performed in a static safe environment while a ground strap is used. Damages arising due to not observing the static precautions shall void the limited ninety-day warranty.

PH-ET-01 Wiring Diagram

DC Power Source
+50 VDC Max
+9 VDC Min

Positive

Negative

Command-1
System Ground

Solenoid-1

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Warning:

Handling the Pick and Hold module shall be performed in a static safe environment while a ground strap is used. Damages arising due to not observing the static precautions shall void the limited ninety-day warranty.
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Handling the Pick and Hold module shall be performed in a static safe environment while a ground strap is used. Damages arising due to not observing the static precautions shall void the limited ninety-day warranty.
R5 potentiometer adjusts the pick time. Using a voltmeter, measure the voltage of TP1 respect to System Ground, this is the output of R5 potentiometer. The scale is 400 msec per Volt. For example, if it is set at 1.5 Volts, the pick time will be 600 msec.

R6 potentiometer adjusts the hold voltage. Using a voltmeter, measure the voltage of TP2 respect to System Ground, this is the output of R6 potentiometer. The scale is 5% duty cycle per Volt. For Example, if it is set at 2 Volts, the hold voltage will be 40% of the supply voltage.
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