GALA and Beta Pump Relay Retrofitting and Wiring

Part Numbers

Part Number 1002526-Alarm/fault relay (Option 1, N/C changeover relay)
Part Number 1002528-Alarm/fault and pacing relay (Option 4, As option 1 + pacing relay, one input each)

NOTE: Options 3 and 5 must be reprogramed at ProMinent.

Installation

- DISCONNECT POWER FROM THE PUMP.
- Flush the liquid end of the pump.
- Place the pump relay punchout side up on a solid surface.
- Using a punch and hammer, knock out the relay punchout (a).

- Remove the punchout from the pump.
- Remove any sharp edges from the opening with a file.
- Inspect the backside of the relay connector flange to insure the seal is positioned against the flange.
- Hold the relay component in your right hand by the corners with the screw holes in.
- Hold the upper corner of the lower edge of the relay component against the guide rail of the pump.
base.

- Inspect the backside of the relay component flange to ensure the seal is positioned correctly.
- Push the relay component into the opening until the component reaches the pump contact.
- Check to ensure the relay component does not move back and forth.
- Position the relay component in the opening.
- Screw the cover on the pump housing.
- Fit the seal into the frame of the cable receptacle.
- Screw on the relay cable (b).
- The alarm/fault relay is normally closed and the pacing relay is normally open.

---

**Wiring**

*Alarm/Fault indicating option*

<table>
<thead>
<tr>
<th>CSA approved cable</th>
<th>Contact</th>
<th>3-wire cable</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>NO (normally open)</td>
<td>White</td>
</tr>
<tr>
<td>Red</td>
<td>NC (normally closed)</td>
<td>Green</td>
</tr>
<tr>
<td>Black</td>
<td>C (common)</td>
<td>Brown</td>
</tr>
</tbody>
</table>

*Alarm/Fault indicating and pacing relay option*

<table>
<thead>
<tr>
<th>Contact</th>
<th>4-wire cable</th>
<th>Relay</th>
</tr>
</thead>
<tbody>
<tr>
<td>NO (normally open)</td>
<td>Yellow</td>
<td>Alarm/fault indicating relay</td>
</tr>
<tr>
<td>C (common)</td>
<td>Green</td>
<td>Alarm/fault indicating relay</td>
</tr>
<tr>
<td>NO (normally open)</td>
<td>White</td>
<td>Pacing relay</td>
</tr>
<tr>
<td>C (common)</td>
<td>Brown</td>
<td>Pacing relay</td>
</tr>
</tbody>
</table>