Conduit Connections for Opto-Pak (P/N 149535 & 177714)

When making conduit connections, be sure to remove P.C. board assembly (four #6 screws) from box before knockouts are removed. Two sizes of conduit can be used: 7/8” and 1-1/8” diameter. Conduit connection must be watertight (i.e., gasket used) to maintain NEMA-4X rating.

Two of the six conduit knockouts are shown in Figure 3 (below).

Specifications . . .

<table>
<thead>
<tr>
<th>Power Input</th>
<th>P/N 149535 &amp; 149536</th>
<th>P/N 162171 &amp; 177714</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage Range</td>
<td>115 VAC ±10%</td>
<td>230 VAC ±10%</td>
</tr>
<tr>
<td>Max. Current Consumption</td>
<td>70 mA</td>
<td></td>
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</tbody>
</table>

| Relay Output | Two (2) Relay Contacts | (1) N.C. Contact: 5 Amp @ 115 VAC - 5 Amp @ 30 VDC | (1) N.O. Contact: 5 Amp @ 115 VAC - 5 Amp @ 30 VDC |

| Operating Temp Range: | -13°F to +158°F (-25°C to +70°C) |

Wiring Controllers . . .

Make connections to spade terminals using 1/4” female spade receptacles provided.

The open board controller (P/N 149536 & P/N 162171) with dimensions and connection information is shown in Figure 1.

A typical normally open (N.O.) output wiring diagram with AC-powered alarm is shown in Figure 2.
- Figure 1 -

1/4" Tab Connections (Quick Disconnect) (8 Total)

- Figure 2 -

Green LED (Power)

Red LED (Relay)

White (Output)

Alarm

Electro-Optic Sensor

Tank

115 VAC or 230 VAC

N.O.

N.C.

AC

N.O.

C

N.C.

Red (+V)

Black (GND)

(8) Optional Holes for Mounting

(4) #8 Self Tapping Screws Provided with unit.

- Bottom View -

0.156 Dia. Mounting Holes (#6 Screw Clearance Holes) (4 Total)

0.39" 1.57" 3.58"