The CARLA System is a fully autonomous solution, which meets the standards for protection against accidental cargo tank overflow. Its primary advantage is use of the Honeywell Lidec L91 (single-probe) or L92 (dual-probe) as two independent level alarms.

The CARLA System offers outstanding reliability over the life of its control cabinet and components.
CARLA System - Technical Specifications

**Technical Data**

<table>
<thead>
<tr>
<th>Number of channels:</th>
<th>up to 32.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensor input:</td>
<td>- L91 (95% or 98% level alarms).&lt;br&gt;- L92 (95% &amp; 98% level alarms).</td>
</tr>
<tr>
<td>Signal input:</td>
<td>18-6 mA (Fail-safe).</td>
</tr>
<tr>
<td>Power supply:</td>
<td>115/230 V / 50-60Hz.</td>
</tr>
<tr>
<td>Operating temperatures:</td>
<td>-25°C + 70°C</td>
</tr>
<tr>
<td>Protection:</td>
<td>IP52</td>
</tr>
<tr>
<td>Outputs:</td>
<td>- 1 x SPDT switch / channel (AC/DC 350V - 120mA).&lt;br&gt;- 1 x RS 485 Modbus protocol.&lt;br&gt;- Relays: Up to 2 for on deck sirens.&lt;br&gt;Up to 2 for on deck rotating lights.&lt;br&gt;Up to 2 for power supplies failure.</td>
</tr>
</tbody>
</table>

**Special Features**

Delivered with engraved plates for deck indication in compliance with SOLAS standards.
Pre-wired cabinet or panel mounting.
Two independent power supplies for 95% & 98%.
Individual overrides function for each channel.
Cabinet or panel mounting repeater for Bridge Alarms indication (optional).

**Technical Documentation**

Technical manual: MT5003

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