Civacon’s ROMLink™ Optic Overfill Sensor features our enhanced electronics located in the cap. A curly cable and modular connector securely join the sensing tube to the cap for a trouble-free installation.

Optic overfill sensors detect the presence of liquid at a preset level. The Civacon ROMLink™ Sensor brings all the enhanced design features and more to the “Plug-N-Load” convenience of our ROMLink™ System. The Sensor has digital electronics located in the cap, with a modular connector joining the sensing tube (containing just the optic head) to the cap’s electronics.

By having the electronics located in the cap, the sensing tube height needs to be only set once. The sensing devices in the tube should never need replacing. If the sensor’s electronics ever need to be serviced, it is simply a matter of removing the cap, unplugging the connector and plugging in a new cap assembly. No tools required! Plus there are no changes to the sensing height or any affect on the compartment’s vapor-tight integrity.

The features and benefits of these sensors are available in our Opti-Link 5-wire sensor version as well (see separate data sheet).

Overfill Features

- Simple and quick for all to install. Just mount, plug and test
- New digital electronics in cap have extended temperature stabilized potting
- Modular connector joins sensing tube (containing just the optic head) to the cap’s electronics
- Dual O-ring seals in housing for improved sensor tube to housing sealing
- Still the industry’s best single flat surface optic prism design!
- Completely new Housing and molded non-corrosive cap design
- No tools required for access, or adjustment of probe
- Sensors never need to be removed with electronics now in the cap
- Tamper Evident Tab on cap lets you add a seal to prevent sensor height tampering (sensor cannot be adjusted externally)
- North American Approval
- Operating Temperature -40º F (-40º C) to 160º F (71.1º C)
  Storage Temperature -70º F (-56.6º C) to 280º F (137.7º C)
- OPTIONAL: Tamper Evident Tab on cap lets you add a seal to prevent sensor height tampering (sensor can not be adjusted
ROMLink™ 2-Wire Optic “Plug-N-Load” Sensor

Product Specifications

Product Number
1554-007B, 0012B or 0018B
(See Below)

Sensing Length Adjustability
See Drawing

Electrical Leads
RJ-11 Modular Connector

Weight
1.15 lbs. (0.521 kg)

Approvals
North America

Temperature Range
Operating Temperature -40º F (-40º C) to 160º F (71.1º C)
Storage Temperature -70º F (-56.6º C) to 280º F (137.7º C)

**Special length sensors are available upon request

Materials
Sensor Cap - Glass Filled Nylon
Cap O-ring - Silicone
Sensor Housing - Aluminum
Mounting O-ring - Viton®
Locking Nut - Plated Steel
Sensor Shaft - Aluminum
Retaining Ring - Stainless

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<table>
<thead>
<tr>
<th>ROMLink™ Part #</th>
<th>Old Civacon ROM Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1554-007B</td>
<td>1051RL-007</td>
<td>Optic Overfill Sensor, RJ-11 Connector, 2” BSPP Parallel Port Housing, 7”</td>
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<tr>
<td>1554-0012B</td>
<td>1051RL-0012</td>
<td>Optic Overfill Sensor, RJ-11 Connector, 2” BSPP Parallel Port Housing, 12”</td>
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<tr>
<td>1554-0018B</td>
<td>1051RL-0018</td>
<td>Optic Overfill Sensor, RJ-11 Connector, 2” BSPP Parallel Port Housing, 18”</td>
</tr>
<tr>
<td>STK-007B</td>
<td></td>
<td>Replacement Optic Overfill Sensor, RJ-11 Connector, No Housing, 7”</td>
</tr>
<tr>
<td>STK-0012B</td>
<td></td>
<td>Replacement Optic Overfill Sensor, RJ-11 Connector, No Housing, 12”</td>
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