Civacon’s 2-Wire ROM Overfill Sensors offer advanced digital technology and are designed to work with all Civacon ROM Systems.

Optic overfill sensors detect the presence of liquid at a preset level. The Civacon ROM red/black Sensor is fully compatible with all of our ROM monitors. The ROM Sensors feature an exclusive, nonpolarized digital electronic circuitry design. The sensor’s non-polarized electronic design means not having to worry about the sensor’s polarity anymore.

These features and benefits are also available in our 5-wire & 2-Wire Quick Start sensors.

Overfill Features

- 2-Wire ROM Sensor will work with all ROM Systems
- New digital electronics with extended temperature-stabilized Potting
- Dual o-ring seals in housing for improved sensor shaft-to-housing Sealing
- Still the industries 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
- Approved to North American, Europe (ATEX) and World (IECEX) Standards
- Operating Temperature -40º F (-40º C) to 160º F (71.1º C)
- Storage Temperature -70º F (-56.6º) 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)
2-Wire ROM Overfill Sensor

Product Specifications

Product Number
1351-007B, 0012B or 0018B (See Below)
1051-007B, 0012B or 0018B (See Below)

Sensing Length Adjustability
See Drawing

Product Range
Refractive Index 1.37 to 1.60
Viscosity of less that 1000 SSU

Electrical Leads
Two 18 gauge Stranded Wire
26" Long (Red/Back in Color)

Weight
1.15 lbs. (0.521 kg) (with housing)

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

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

Approvals
North America
Europe (ATEX)
World (IECEX)

<table>
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<tr>
<th>Part Number</th>
<th>Description</th>
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<tr>
<td>1051-007B</td>
<td>Optic QS Overfill Sensor, 2-Wire, 2” NPT Parallel Port Housing, 7”</td>
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<tr>
<td>1051-0012B</td>
<td>Optic QS Overfill Sensor, 2-Wire, 2” NPT Parallel Port Housing, 12”</td>
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<td>1051-0018B</td>
<td>Optic QS Overfill Sensor, 2-Wire, 2” NPT Parallel Port Housing, 18”</td>
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<tr>
<td>1351-007B</td>
<td>Replacement Optic QS Overfill Sensor, 2-Wire, No Housing, 7”</td>
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<tr>
<td>1455-1455</td>
<td>2” NPT Parallel Port Housing w/ Cap</td>
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<tr>
<td>12214</td>
<td>Tamper Evident Tab Kit</td>
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