



ROMLink™ 2-Wire Optic “Plug-N-Load” Sensor

DS 05-13A

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).



Sensor Tube Retaining Spring. Squeeze ends together to adjust sensor height.



Tamper Evident Tab



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 -40° F (-40° C) to 160° F (71.1° C)
Storage Temperature -70° F (-56.6° C) to 280° F (137.7° C)
- OPTIONAL: Tamper Evident Tab on cap lets you add a seal to prevent sensor height tampering (sensor can not be adjusted

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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 -40° F (-40° C) to 160° F (71.1° C)

Storage Temperature -70° F (-56.6° C) to 280° F (137.7° C)

Materials

Sensor Cap - Glass Filled Nylon

Cap O-ring - Silicone

Sensor Housing - Aluminum

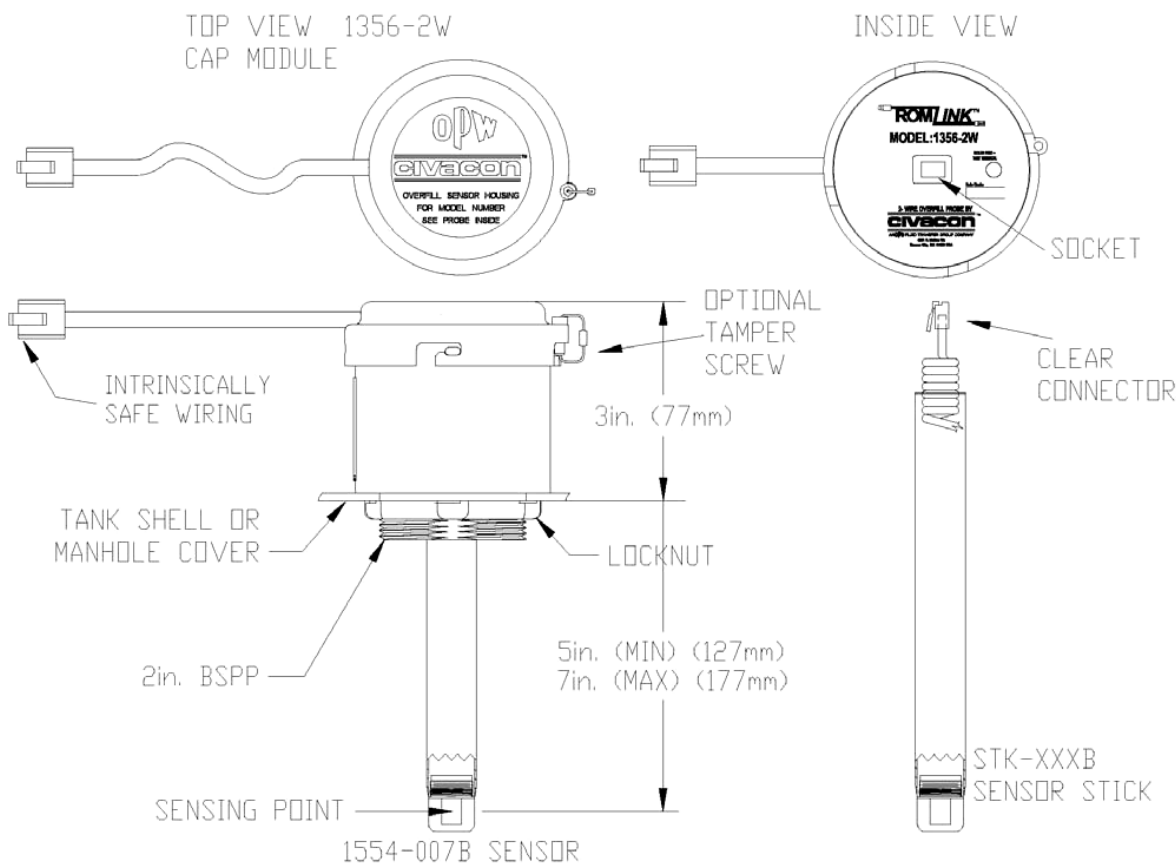
Mounting O-ring - Viton®

Locking Nut - Plated Steel

Sensor Shaft - Aluminum

Retaining Ring - Stainless

****Special length sensors are available upon request**



ROMLink™ Part #	Old Civacon ROM Part #	Description
1554-007B	1051RL-007	Optic Overfill Sensor, RJ-11 Connector, 2" BSPP Parallel Port Housing, 7"
1554-0012B	1051RL-0012	Optic Overfill Sensor, RJ-11 Connector, 2" BSPP Parallel Port Housing, 12"
1554-0018B	1051RL-0018	Optic Overfill Sensor, RJ-11 Connector, 2" BSPP Parallel Port Housing, 18"
STK-007B		Replacement Optic Overfill Sensor, RJ-11 Connector, No Housing, 7"
STK-0012B		Replacement Optic Overfill Sensor, RJ-11 Connector, No Housing, 12"
STK-0018B		Replacement Optic Overfill Sensor, RJ-11 Connector, No Housing, 18"



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