

civacon™

PART OF **opw**® FLUID TRANSFER GROUP



Opti-Link Overfill Detection System

Civacon, part of the OPW Fluid Transfer Group, provides expert solutions for the safe handling, transfer, monitoring, measuring and protection of hazardous bulk products worldwide.



Civacon's Mission

When it comes to the safe handling and transport of hazardous liquids, Civacon tank-truck and transport components and systems are known the world over for their enduring reliability and durability.

Civacon manhole assemblies, sequential vapor valves, overfill detection equipment, internal valves, loading and unloading components, as well as the System3 total-tank truck systems, are specified by all leading tank-truck and transport builders to ensure safety for personnel and the environment against petroleum and chemical spills, tank overfills and fugitive emissions.

Our innovative, modular manifold and air-control systems enhance fuel delivery profitability, accuracy and simplicity. Civacon sets the global standard for dependability, quality, compatibility, performance and peace-of-mind.

Introducing the 5-Wire



"Plug-N-Load"TM Optic Level Sensor



Diagnostic Test Indicator

Electronic board inside the cap transmits a signal to the diagnostic test light indicating whether the probe is wet or dry.

Civacon's new 5-Wire Opti-Link "Plug-N-Load"TM Optic Level Sensor eliminates the slow, messy and at times unreliable cut, strip and crimp method of wiring.

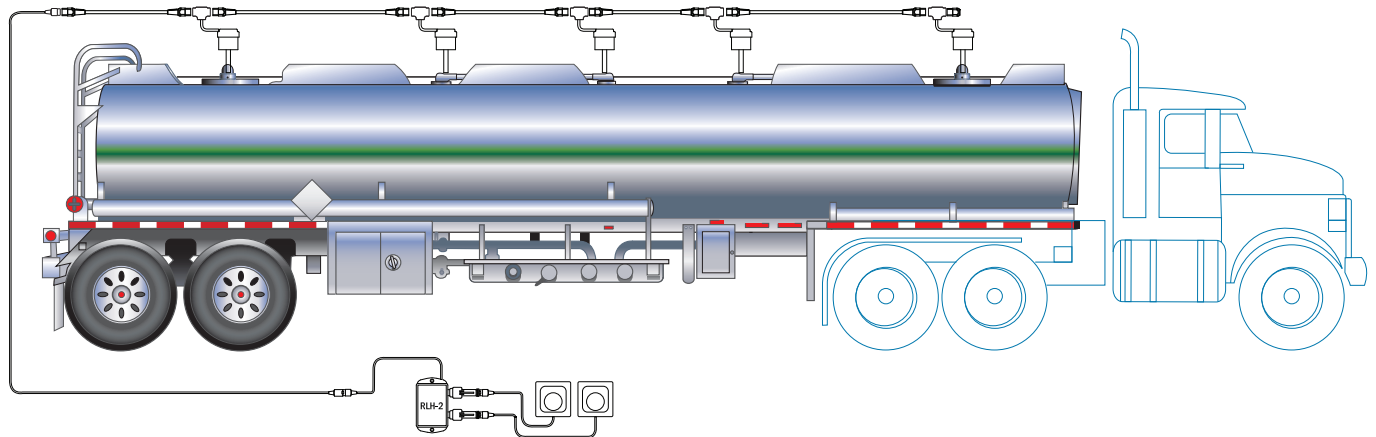


Features and Benefits of the 5-Wire Opti-Link Optic Level Sensor include:

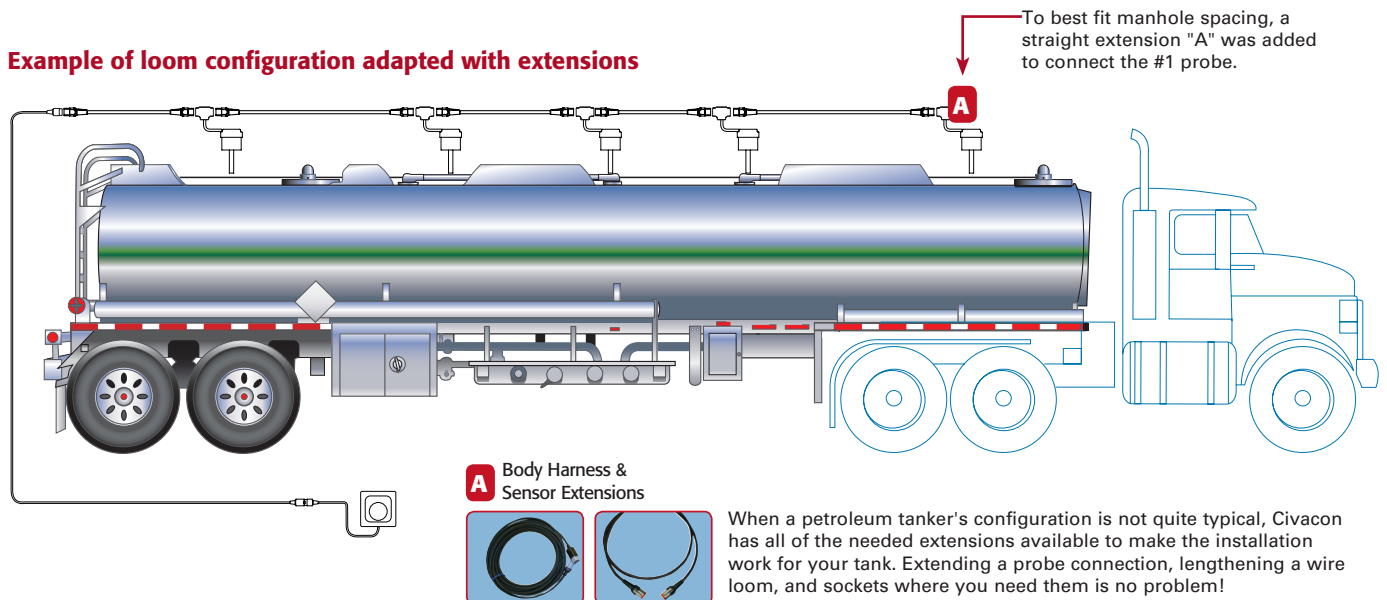
- New digital electronics with temperature-stabilized potting
- Dual O-ring seals for improved shaft-to-housing sealing
- Zero glue or adhesive construction for wide chemical compatibility
- Completely new housing and custom engineered non-corrosive cap design
- The industry's best single flat surface optic-prism design
- No tools required for access or adjustment of sensor
- Approvals: North American, European (ATEX) and world (IECEx) regulating agencies

Loom configurations are adaptable to all semi-trailer configurations

Example of typical loom configuration



Example of loom configuration adapted with extensions



When a petroleum tanker's configuration is not quite typical, Civacon has all of the needed extensions available to make the installation work for your tank. Extending a probe connection, lengthening a wire loom, and sockets where you need them is no problem!

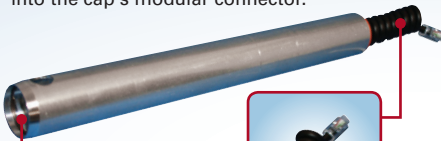


Electronic Diagnostics Inside Sensor Cap

Now with the digital electronics inside the cap, should there ever be a need to service the electronics in the cap, just simply unplug the coiled cable and remove the cap. No special tools required!

Opti-Link Plug-N-Load™ Probe Tube

The Opti-Link probe tube is designed to plug directly into the cap's modular connector.



All-Glass Pyrex® Prism

Recessed, protected one-piece molded all-glass Pyrex® prism.



Coiled Cable Connector

The new Opti-Link 5-Wire Optic Level Sensor is designed with a coiled cable and modular connector that joins the probe tube (containing just the optic head) to the cap's electronics.



Opti-Link Single Face Socket

The Opti-Link socket is API-compatible, allowing it to interface with any optic control monitor plugs.



Opti-Link Body Harness

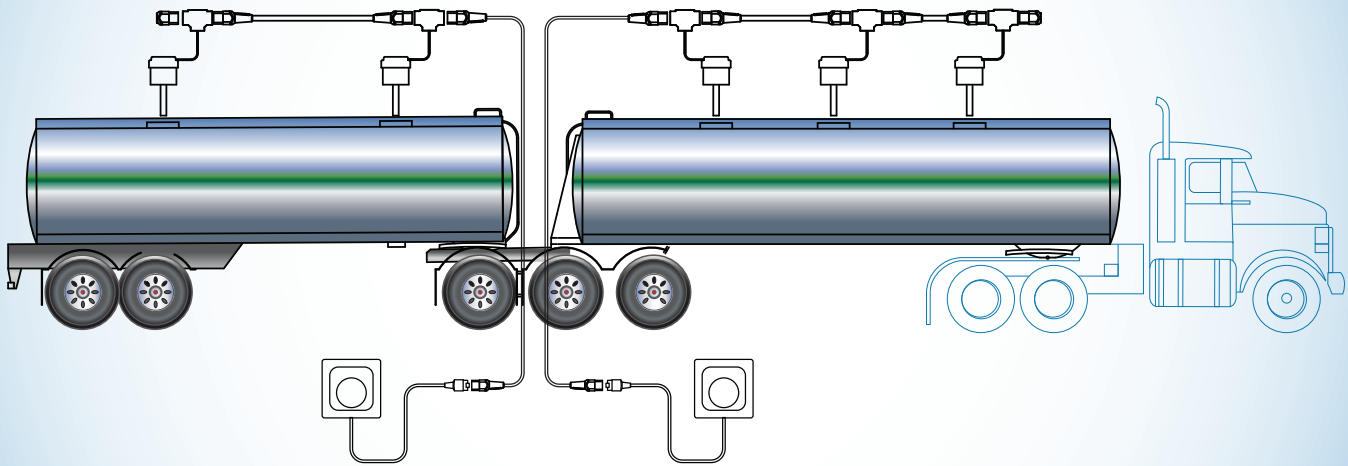
The Opti-Link Plug-N-Load™ body harness is available for single and multi-compartment trailers. Harness extensions are also available for trailers with non-standard lengths.

5M Plug

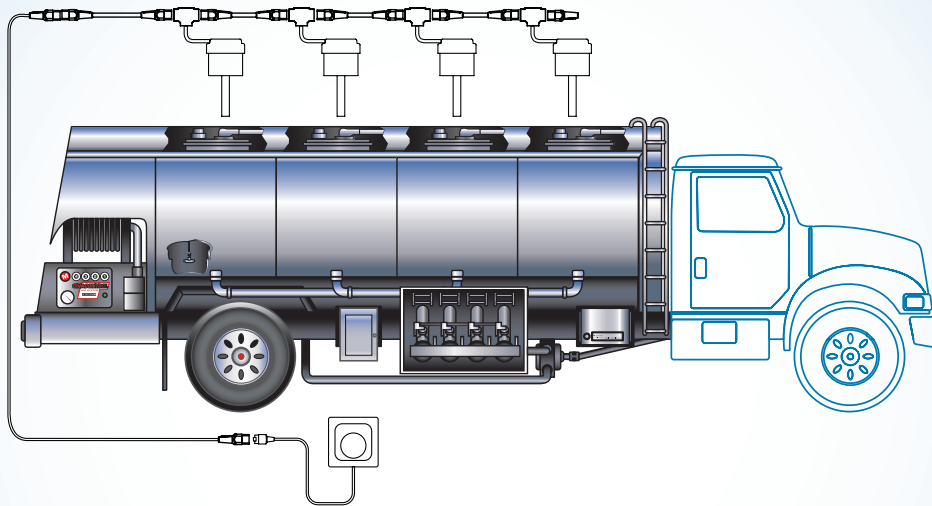
Civacon's 5M plug reverses signal back through Opti-Link's wiring system.



Loom options are available to fit any tank configuration - West Coast Truck & Trailers, B-Trains and Straight Pumper Trucks



Straight Truck Configuration



**If you need assistance with selecting the right loom configuration or more information about Civacon's 5-Wire Opti-Link Overfill Detection System call: 888-526-5657
For technical assistance, please call our 24 hour technical hotline: 800-524-8226**



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