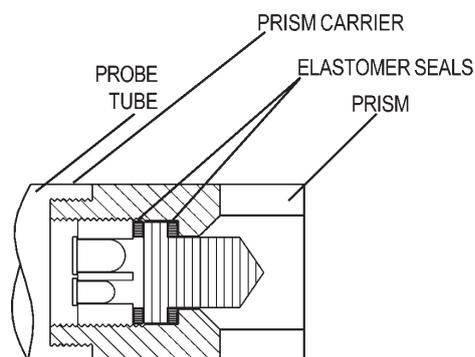


Principals of Operation



Knowledge and Experienced Design

Dixon employees have vast experience in electronics, manufacturing and most important, with the in-the-field trouble shooting of overfill terminal and tanker installation. That is why we have focused on easy, drop-in replacement features with improved probe life, and why Dixon have included heavy duty hardware made from premium, corrosion resistant materials.

Trouble Free Probes and Sensors:

FloTech™ brand probes/sensors do not use epoxy bonded prisms as a means to seal the prism. Therefore, they are not subject to malfunction due to epoxy/prism interface separation. FloTech™ brand probes/sensors incorporate a double elastomer design which seals and secures the sensitive optic prism tip. The elastomer seals are flexible allowing thermal expansion and resistance to steam cleaning and petroleum chemical attack.

“Best in Class” Technical Support

Dixon provide the most reliable overfill components and systems available on the market today. Over the years the FloTech™ brand has earned a reputation for reliable overfill components compatible with other common systems. FloTech™ brand items are shipped with easy to follow installation instructions and manuals.

Easy Installation

FloTech™ brand components are manufactured to be installed easily, even on other systems. They have been designed to be drop-in compatible with API systems being used around the world.

Products In Stock, Delivered On Time

Dixon realise that downtime costs you money so we do everything we can to ensure you receive your parts when you need them.

A Great Product With An Unparalleled Warranty

FloTech™ brand products are covered by a five year limited warranty. The warranty is part of the total system that makes FloTech™ overfill detection the best choice for your operation.

FloTech™ Checkmate Overfill/Retain Plug-n-Play System

Application:

The reason for many overfill system breakdowns is failed or poor wiring connections. The required amperage within the overfill system is so low that any poorly wired or corroded wiring connections tend to fail (the low current cannot pass through corrosion or poor connections). To remove the possibility of wiring system problems, Dixon™ has introduced the FloTech™.

Plug-n-Play system, all the wire connections are prewired and tested at the factory using high quality weather proof cables and plugs. Plug-n-Play system installation takes a fraction of the time to install when compared to conventional systems, just mount all the components and simply plug them all together.

Standards:

Manufactured to American Petroleum Institute standard API RP-1004, which allows for interchangeability.

Materials:

Dependent upon the component, see each product section for materials.

Features & Benefits:

- Prewired cables and plugs on sensors, wiring harness', onboard monitor and sockets, make it simple to install our Plug-n-Play system in much less time than conventional systems.
- Secure and weather tight connections all the time remove the possibility of poor wiring connections. Sealed connectors pass IP67 and DIN40050 salt spray tests.
- Easy installation: literally Plug-n-Play, just mount the components and plug them all together.
- Biofuel compatible up to E100 (100% Ethanol) and B100 (100% bio diesel) 



Monitors with Integrated Dual Sockets

Features & Benefits:

- Integrated Optic and Thermistor dual sockets with onboard monitor all in one aluminium case
- Takes less space than utilising separate sockets and monitor
- Prewired and factory tested with Plug-n-Play cabling and plugs, eliminates hours of manual crimped wire connections and removes the problems and worries associated with connection problems.
- Includes water-tight integrated fuse holder, all stainless steel hardware and terminal blocks prevent corrosion
- Built-in configurable high current relay output for pump or signal control
- Colour coded display shows well on trailers
- Sockets come standard with FloTech™ unique guaranteed for life stainless steel wear rings.

Available Integrated Options:

- Top (overfill) only monitoring, or both top (overfill) and bottom (retain) monitoring
- Pre-wired ground bolt
- Pre-wired pressure sensor which can be used to interlock brakes or vapour vents
- Pre-wired TIM module
- Pre-wired dual male pin power cord

