

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

### Features & Benefits:

- Overfill detection sensors are intended to detect a pending overfill condition inside the fuel tank compartment. When they are wetted (come in contact with the fuel) they signal the fuel loading rack to close the fuel supply control valve, to prevent a spill of product
- 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. Easy to install, just mount the housing into the tank and plug the cables together
- Trouble free probes: FloTech™ brand probes incorporate a double elastomer design which seals and secures the sensitive glass optic prism tip. The elastomer seals are flexible allowing thermal expansion and resistance to steam cleaning and petroleum chemical attack
- Custom lengths available upon request
- The FT151P series sensor housing contains a Plug-n-Play probe in a cast aluminium housing. The sensor housing has a 2" NPT mounting thread, heavy duty stainless steel hardware, and FKM probe seal. Install into either a 2" NPT threaded port or a 2" diameter tank opening using the gasket and locking nut provided. All screws and rings are heavy duty stainless steel for easy assembly and long life
- BSPT option available.



PART NO.	DESCRIPTION
FT151P-ATEX	Housing with 7" Plug-n-Play probe, with Plug-n-Play harness connector NPT
FT151P-12-ATEX	Housing with 12" Plug-n-Play probe, with Plug-n-Play harness connector NPT
FT151P-18-ATEX	Housing with 18" Plug-n-Play detection probe, with Plug-n-Play harness connector NPT
FTE151P-ATEX	Housing with 7" Plug-n-Play probe, with Plug-n-Play harness connector BSPT
FTE151P-12-ATEX	Housing with 12" Plug-n-Play probe, with Plug-n-Play harness connector BSPT
FTE151P-18-ATEX	Housing with 18" Plug-n-Play detection probe, with Plug-n-Play harness connector BSPT

II 1G, Ex ia IIB T4 Ga; Ta = -40°C to + 70°C.

### REPLACEMENT PROBES

PART NO.	DESCRIPTION
FT150P	Replacement 7" Plug-n-Play probe with Plug-n-Play harness connector
FT150P	Replacement 12" Plug-n-Play probe with Plug-n-Play harness connector
FT150P	Replacement 18" Plug-n-Play probe with Plug-n-Play harness connector

## Retain Sensors

### Features & Benefits:

- Retain sensors inform the loading terminal if the tank compartments are empty, or if there is product left in the tank prior to re-loading the tank (product has been retained)
- 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. Easy to install, just mount the housing into the tank and plug the cables together
- Trouble Free Probes: 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
- The FT152 sensor is a bottom retain detection sensor. Sensor is shipped with a 1/2" NPT weld-on aluminium half coupling for mounting. The main sensor portion is stainless steel to prevent galling in the tank. The wiring box is plastic to prevent corrosion.



PART NO.	DESCRIPTION
FT152P-ATEX	Housing with Plug-n-Play retain probe, with Plug-n-Play harness connector

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