

Overfill Protection Rack Monitors

Application

- Installed on the gantry to control the loading process of petroleum fuels or other hazardous liquid into cargo tanks

Features

- Automatically switches between 2-wire or 5-wire type sensors
- Compatible with analog 2-wire thermistor type sensors
- Redundant relay outputs prevent single point failures
- Data management via RS485 port
- Wireless bypass key system
- Ground verification
- Reads trailer identification modules

Approvals

- Meets API RP1004 and EN13922 standards
- Suitable for Class I, Division 1, Group CD and Class I, Zone 1, and Group IIB



rack monitor
(FT7000)



rack monitor system

FT590-Series Terminal Test Equipment

Applications

- Verifies terminal overfill monitor performance and read the trailer identification modules
- Displays the unique serial number you need to enter into the terminal automation system

Features

- Rack monitor testers and mini trailer overfill system have the same API compatible signals
- When connected to the API plug it will cause the terminal overfill monitor to switch permissive
- Tester contains a liquid level sensor, API compatible socket, ground bolt, and trailer identification module, all wired into one unit
- Flotech® FT530 is a self contained microprocessor capable of reading the serial number embedded into the trailer identification module located in the trailer socket



FT590G



FT590TG



FT530

| Description | Part # |
|---|----------|
| rack tester thermistor with ground bolt | FT590TG |
| rack tester thermistor with ground bolt and trailer identification module | FT590TGT |
| rack tester optic with ground bolt | FT590OG |
| rack tester optic with ground bolt and trailer identification module | FT590OGT |
| trailer identification module reader | FT530 |