Overfill Protection Rack Monitor

The Right Connection®

Rack Monitor System

Rack Monitor

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
- Rated to IP66

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Order Guide

Part #	Rack Monitor Description
FT7000	rack monitor, auto switch between 2-wire / 5-wire sensors, ground verification, and trailer identification modules; API RP 1004 / EN13922
	Safe-T Connect Junction Box Description
FT7600	8-pin, 4J, green API plug, and 30' safety orange coiled cable
FT7600C	10-pin, 4J, green API plug, and 30' safety orange coiled cable
FT7600P	8-pin, 4J, green API plug, 30' safety orange coiled cable, and Plug-n-Play connector
FT7600S	8-pin, 4J, green API plug, and 20' safety orange straight cable
FT7620	6-pin, 3J, blue API plug, and 30' blue coiled cable
FT7620P	6-pin, 3J, blue API plug, 30' blue coiled cable, and Plug-n-Play connector
FT7620S	6-pin, 3J, blue API plug, and 20' blue straight cable
FT7630	10-pin, 4J, black plug per EN13922, and 30' blue shielded coiled cable
FT7630D	10-pin, 4J, black plug per EN13922, and 30' blue shielded coiled cable with Dixon Bayco break-away
	Junction Box Description
FT7500	single cord junction box
FT7501	dual cord junction box
FT7502	junction box with Cole Hersee yellow 13-pin break-away
FT7503	junction box with D-type pigtail break-away
FT7504	junction box w/ aluminum D-connector break-away
	Rack Cord Description
FT600	8-pin, 4J, API thermistor plug, and 30' safety orange coiled cable
FT600C	10-pin, 4J, API thermistor plug, and 30‘ safety orange coiled cable
FT600D	API thermistor plug w/ 30' coiled cable w/ aluminum D-connector break-away
FT600CD	API thermistor plug w/ 30' coiled cable w/ 13P CA 4J 10-pin aluminum D-connector break-away
FT600P	8-pin, 4J, API thermistor plug, and 30' safety orange coiled cable with 13-pin Plug-n-Play
FT600S	8-pin, 4J, API thermistor plug, and 20' safety orange straight cable
FT620D	API optic plug w/30' coiled cable w/ aluminum D-connector break-away
FT620	6-pin, 3J, API optic plug, and 30" blue coiled cable
FT620P	6-pin, 3J, API optic plug, 30' blue coiled cable and Plug-n-Play connector
FT620S	6-pin, 3J, API optic plug, and 20' blue straight cable
FT630	10-pin, 4J, black plug per EN13922, and 30' blue shielded coiled cable
FT630D	10-pin, 4J, black plug per EN13922, 30' blue shielded coiled cable, and Dixon Bayco break-away

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