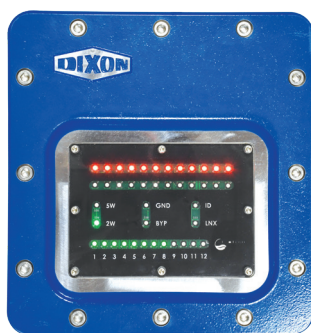


## FloTech® FT7000-Series Rack Control Monitor



FT7000

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### Applications

- Overfill prevention, ground verification, trailer identification, data communication
- Automatic, continuous and self-checking micro based control
- Per NPFA rules, FT7000 FloTech RCM provides secondary overfill protection for loading of petroleum or chemical liquids into cargo or rail tanks. It is designed for hazardous locations using EXd explosion proof enclosure and intrinsically safe electronics. FT7000 RCM holds US and international safety approvals and certifications
- FloTech FT7000 RCM was designed for high reliability with redundant test circuits and output relays. Relay operation is monitored to determine proper operation. FT7000 RCM has the ability for redundant communication of monitor status independent of relay status. Permits can be verified via a digital communication path not dependent on relay status

### Features

- FT7000 RCM provides robust communication of monitor overfill status, ground verification, trailer identification data and events via RS-485 and Modbus compliant. All function in one unit with ability to connect through existing TAS
- Overfill, ground, and trailer identification in one enclosure
- Auto switching between optic and thermistor (2 wire or 5 wire) sensors
- Compatible with all analog and digital sensors
- Monitor up to (8) 2 wire or (12) 5 wire sensors
- Various plug cord and junction box assemblies compatible with worldwide standards
- Visual display of all functions

### Material

- Explosion proof IP54 weathertight aluminum powder coated housing

### Approvals

Certified to the following standards:

- CSA C22.2 No. 61010-1-12, No. 30-M1986, No. 157-92, No. 60079-0:11, No. 60079-1:11, No. 60079-11:14
- UL 61010-1, UL 1203, UL 913, UL 60079-0, UL 60079-1, UL 60079-11
- IEC 60079-0, IEC 60079-1, IEC 60079-11, IEC 60529
- EN 60079-0, EN 60079-1, EN 60079-11

### Compatible with

Sensors	Identification	Earthing/Ground Devices
<ul style="list-style-type: none"> <li>• 5 wire optic sensors; 1-12 sensors</li> <li>• 2 wire black and white thermistor sensors; 1-8 sensors</li> <li>• 2 wire grey-grey universal thermistor sensors; 1-8 sensors</li> <li>• 2 wire analog thermistor sensors; 1-8 sensors</li> <li>• onboard monitors</li> </ul>	<ul style="list-style-type: none"> <li>• Trailer Identification Modules</li> </ul>	<ul style="list-style-type: none"> <li>• ground bolt/bolt/wire</li> <li>• ground loop/restive bond</li> </ul>

NOTE: Not compatible with float type sensors, or 3 wire analog thermistor sensors