

Scully Intellitrol[®]

Intelligent Multi-Functional Overfill Prevention Control Unit
for the Ultimate in Terminal Loading Safety



scully

Intellitrol



Scully's Intellitrol® System is the most advanced terminal overfill prevention and ground verification system available today!

ULTIMATE SAFETY

At Scully, safety is not just a product feature; it's a passion. That is why every Scully overfill prevention system incorporates Dynacheck® dynamic self-checking®.

Dynacheck is a unique technique that automatically and continuously checks every critical component in the entire system. If any single component failure or fault in the Scully system renders the system unable to detect an overfill, the output switches to non-permissive signaling for loading shutdown.

Scully's Intellitrol with Dynacheck goes far beyond the pulsed signaling or self-checking employed by other systems in the market. These other systems may fail to detect an overfill because they cannot detect every critical component failure or even a simple short in the vehicle wiring. Dynacheck detects a fault anywhere in the Scully system including the Intellitrol control unit, wiring and the sensor circuitry¹.

Scully was the first to offer redundant output relays. Scully's Intellitrol now offers the ultimate in safety with a patented design that continuously monitors the relay contacts.

¹ Maximum safety not ensured when Scully loading rack controllers are connected to non Scully vehicle mounted overfill prevention equipment. Remember to specify Scully tank trailer equipment.

Overfill Prevention

- Signals for automatic shut-off of product flow when an overfill/fault is detected.
- Maximum safety with Dynacheck® automatic and continuous self-checking circuitry. Will not permit loading under any fault or wet sensor condition.
- Automatic detection of two-wire optic/thermistor or five-wire optic vehicle mounted sensors.
- Monitors up to 8 two-wire and 15 five-wire vehicle sensors.
- Easy connection to vehicles with rugged high impact industry standard plug and cable units.
- Meets API Recommended Practice RP-1004 and the new European Standard EN13922.

Loading Rack Control Unit



Tank Truck Sensor



Vehicle Ground Verification

- Incorporates self-checking ground verification with a single connection via the overfill prevention plug and cable.
- No need to purchase a separate grounding controller.
- Establishes a rack to truck bond to drain static charges from the vehicle.
- Prevents and shuts down loading if a proper bond for static discharge is not detected.
- May be configured for use with a Scully Ground Bolt mounted to the vehicle chassis; or for resistive ground detection.

Complete Diagnostics and Communication

- Complete visual overfill, grounding, vehicle identification and service indication lights aid operators and reduces troubleshooting downtime.
- Prominent red and green main status LED indicators indicate permissive, non-permissive and bypass conditions.
- Individual wet sensor display by compartment and indication of sensor and wiring faults.
- Communicates with Scully's Intelliview™ Microsoft Windows® based software or your terminal automation system.
- Communications capability provides for remote diagnostics and access for on-line support.
- Separate output signals when a vehicle is connected. May be used to activate a gate, alarm, beacon or interface to a terminal automation system.

Vehicle Identification

- Automatically reads the unique vehicle identification number of the Scully vehicle mounted truck I.D. module (T.I.M.™) when the plug is connected to the vehicle.
- Communicates the vehicle identification number to the terminal's automation system, loading controller, or PC.
- Prevents loading if the vehicle fails to meet the terminal's authorization requirements.
- By comparing the unique vehicle identification number to the terminal automation system's pre-programmed database, the terminal may automatically verify information such as:
 - Vapor tightness certification
 - Contract and insurance status
 - The number of compartments and their capacity
 - Other vehicle information



OPTIONAL ACCESSORIES

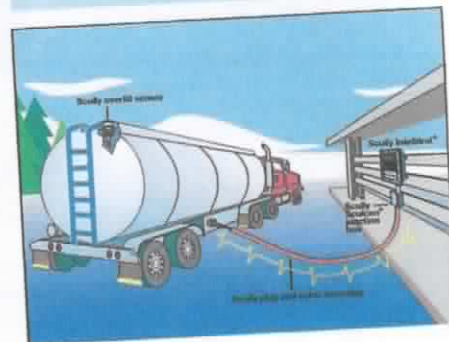
Scully Intelliview® Windows Based Software

- Provides remote monitoring and control of Intellitrol units at liquid distribution terminals.
- Displays an animated on-screen icon of each control unit at the loading lane.
- Provides real time details of status and operation.
- Logs loading lane activities chronologically.

Security Bypass Authorizer

- Advanced optical bypass feature eliminates unauthorized system bypass.
- Features a unique serial number which the Intellitrol must be programmed to accept.
- Allows the terminal management to selectively bypass individual vehicle faults.

Call Scully at 1-800-272-8559 or 617-692-8600 for the representative nearest you.



Intellitrol is part of a totally compatible Scully rack to truck safety system featuring Dynamic self-testing.

Scully is the worldwide industry leader in terminal loading safety.



As a leading supplier to the industry for over 60 years, Scully has relentlessly pursued innovative solutions to liquid handling safety. Whatever the application, Scully shares our customers' visions and meets their needs with products designed for quality, safety and dependability. Don't trust your operation to anything but Scully.



Scully offers systems for:

- Vehicle overfill prevention and retained product monitoring
- Loading terminal/gantry overfill prevention
- Vehicle grounding and identification
- Vapor flow sensing
- Storage tank liquid level monitoring
- Automated fueling
- Cam and groove coupling



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Intellitrol Ordering Information: FM and CSA approved models, in addition to BASEEFA/CENELEC approved models are available. A choice of 120 VAC or 240 VAC is field selectable on every model. When ordering please specify if you would like an overfill prevention only unit, an overfill prevention and ground verification unit, or a unit with overfill prevention, ground verification and vehicle identification. Dynacheck, IntelliCheck, Intellitrol, Intelliview, Load-Anywhere, and Scully are registered trademarks of Scully Signal Company. Intellitrol is manufactured under U.S. Patent number 5,531,856. Microsoft Windows is a registered trademark of Microsoft Corporation. Specifications are subject to change without notice.

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