



LIBERTY Overfill Prevention and Ground Verification Controller

Security During Loading

The Civacon Liberty 8800E Overfill Prevention and Ground Verification Controller is designed for top- and bottom loading applications on single and multi-compartment tank trucks at storage depots.

In the event of a possible overfill situation the Liberty 8800E output relay sends a signal to a Terminal Automation System, control valve or pump to shut-down the loading operation.

In the event that proper grounding is not established a non-permissive signal, generated by the Liberty 8800E, interrupts the loading process immediately.

This remote shutdown ability in combination with its enhanced features makes the Liberty 8800E the best fail-safe rack monitor available to the industry today.

EN13922 and VOC directive 94/63/EC compliant.



Liberty 8800E

Features and Benefits

- **Automatic recognition** and switching between OPTIC and THERMISTOR sensor technology
- **Supports** up to 8 two-wire and 12 five-wire sensors
- **Self-checking** ground verification incorporated in cable & plug assembly
- **Six or eight** channels selectable
- **Two** separate output relays for Overfill and Ground Verification
- **Fail-Safe** redundant output relays
- **LED** status indicator lights
- **Multiple** language LC Display
- **Enhanced** detailed diagnostic readout on graphic LC Display
- **Event history** logged on internal memory
- **SD** RAM socket
- **Real-time** clock
- **Vehicle data** communication prepared
- **Sophisticated** wireless multiple-function & by-pass key
- **Dead-man switch** prepared
- **Low temperature** useable in extreme environmental conditions as low as -45°C
- **Conforms** to EN13922 and VOC directive 94/63/EC

Accessories

- 10-pin** green plug for 2-wire thermistor sensors (non EN13922 applications)
- 6-pin** blue plug for 5-wire optic sensors (non EN13922 applications)
- Storage Junction box** hanger for plug assembly for efficient and safe cable connection
- Breakaway** junction box to prevent cable & connector damage at drive-away

Ordering Specifications

Liberty 8800E

8800E-CC/P	8800E, blue coiled cable, black (Euro EN13922) 10-pin plug.
8800E-CC/P/J	8800E, blue coiled cable, black (Euro EN13922) 10-pin plug, junction box.
8800E-CC/P/B	8800E, blue coiled cable, black (Euro EN13922) 10-pin plug, breakaway junction box.

Product Specifications

Liberty 8800E

Input power supply	110-240 Vac 30VA 50/60Hz
Output Relays	250V ac/dc 5AT
Communication	RS485/422 data communication port
Operating temperature	-45°C to +70°C
Response time	< 0.5 sec.
Approvals	ATEX
Weight	12 kg
Dimension	310x280x80 mm

As a part of our continuous commitment to product development OPW FTG reserves the right to alter its product specifications without prior notice