

## Technische Beschreibung / Anhang zu Angebot 3810511

### 1.0 Technical description OPW FTG overfill prevention and ground verification controller

For safety reasons we highly recommend the use of an OPW overfill prevention monitor and ground verification controller when loading flammable liquids into tank trucks.

The controller is equipped with Green / Red compartment status lights which automatically detects 2-wire and 5-wire sensor systems (Thermistor- and/or Optic technology) which are normally installed onto tanktrucks.

The controller is also equipped with a ground verification function to detect that proper earth bonding with the depot has been made.

### Product Features

- 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
- 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 display
- SD RAM socket
- Real-time clock
- Vehicle data communication via COM port
- 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

### Product specification

- Input power supply 110-240VAC 30VA 30/50Hz
- Output relays 250V ac/dc 5AT
- Communication RS485/422 data communication port
- Operating temperature -45°C to +70 °C
- Response time < 400ms
- Self checking 30x per second
- Enclosure IP65
- Weight 12 kg
- Dimensions 310x280x80 mm
- Conforms to EN13922 and VOC directive 94/63/EC
- Certifications ATEX  
IECex  
EAC  
FM (*pending*)

Proposed model **8800E-CC/P\_EN**

Consisting of 8800E c/w Blue Coiled Cable (EN13922) and Black 10 pin 4J-slotted plug (EN13922) , completely assembled and tested at OPW factory The Netherlands.

Other configurations available on request.