

# Overfill Prevention & Ground Verification Controller

## Security During Loading

### OPW CIVACON OPTIC Rack monitor

The OPW CIVACON 8851 Overfill Prevention and Ground Verification Controllers designed for API bottom loading applications on single and multi-compartment tank trucks at storage depots.

In the event of a possible overfill situation the 8851 output relay sends a signal to a Terminal Automation System, control valve or pump to shut-down the loading operation.

Should proper grounding not be maintained a non-permissive signal, generated by the 8851, interrupts the loading process immediately.

This remote shutdown ability in combination with its enhanced features makes the 8851 the best fail-safe rack monitor available to the industry today.

It is a direct replacement for the 8130 series.

### Features and Benefits

- **8851 for 5-wire OPTIC sensor technology**
- **Combined** Optic-monitoring and Ground Verification
- **Monitors** up to 12 optic sensor compartments
- **Self-checking**
- **Fail-Safe** redundant permissive output relay
- **LED** status indicator lights
- **Wireless** by-pass key
- **Dead-man switch** prepared
- **Low temperature** useable in extreme environmental conditions as low as -45°C
- **Combine with OPW-Civacon Cane probe** for top loading applications on tank truck or rail cars.
- **SIL-1** capabilities



### Product Specification

Input power supply	90-250 Vac 50/60Hz
Nominal power consumption	15VA
Output relays	250V ac/dc 2AT
Operating temperature	-45°C to +70 °C
Response time	< 400ms
Approvals	ATEX / IECEx / QPS
Enclosure	IP65 acc. to IEC 60529
Weight	7.3 kg
Dimensions	270x230x60 mm

### Accessories / Related products

Article nr	Description
7401E	Black Poly plug, 10-pins, 4x J-slot c/w 6 meter coiled cable to EN13922
7101E	Blue Poly Optic Plug , 6-pins, 3x J-slot c/w 6 meter coiled blue cable for 5-wire optic sensors (non EN13922 applications)
7450E	Storage hanger (for Euro EN13922 10-pin plug).
7153-7153	Storage hanger (for 6-pin optic plug).
7510E	Junction box , 1 socket
7511E	Junction box , 2 sockets

And many more- consult factory for options.