

Overfill Prevention & Ground Verification Monitor

Security During Loading

OPW CIVACON 88XX Series

The OPW CIVACON 88XX Overfill Prevention and Ground Verification Monitor designed for API bottom loading applications on single and multi-compartment tank trucks at storage depots.

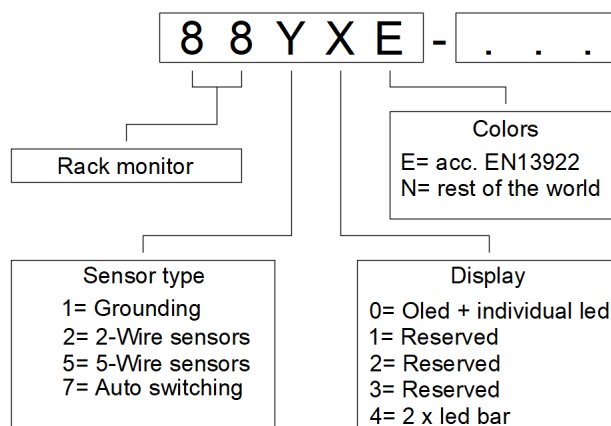
In the event of an overfill situation the 88XX output relay sends a signal to a Terminal Automation System, control valve or pump to shut-down the loading operation. Should proper grounding not be maintained a non-permissive signal, generated by the 88XX, interrupts the loading process immediately. This remote shutdown ability in combination with its enhanced features makes the 88XX the best fail-safe rack monitor available to the industry today.

Features and Benefits

- **Automatic recognition** of sensor technology
- **Supports** up to 8 2 wire and 12 five-wire sensors
- **Self-test at start-up/continuous self-monitoring/**
- **Three separate** user definable output relay e.g. Overfill & Ground, Overfill, Ground, Smart Socket.
- **Fail-Safe** redundant permissive output relay.
- **LED** individual status indicator lights.
- **Real-time** clock.
- **Time** stamped event logging on SD card
- **Sophisticated** wireless function key
- **Emergency switch**
- **Low temperature** useable in extreme environmental conditions as low as -45°C/-49°F
- **MODBUS** communication available.
- **Conforms to** EN13922.
- **Interchangeable with OPW-Civacon Cane probe** for top loading applications on tank truck or rail cars.
- **SIL 1 and 2** certified.



Ordering Specification



Product Specification

Input power supply	85-264 Vac 50/60Hz
Nominal power consumption	4VA
Output relays	250V ac/dc 2AT
Communication	Optional RS485/422 datacomms port
Operating temperature	-45°C to +70°C
Response time	< 200ms
Approvals	ATEX / IECEx / QPS
Enclosure	IP65 acc. to IEC 60529
Weight	7.3 kg
Dimensions	270x230x60 mm

Consult factory for options and accessories.