

# ROM III On-Board Overfill Detection System Monitor

02-14-001DS

Companies involved in the transportation and handling of hazardous bulk commodities rely on real world safeguarding against costly overfills every day and they rely on Civacon to provide it. CIVAICON's new **ROM™ III**, will continue to deliver years of worry-free performance under the most rigorous conditions.

The **ROM III**, in the same small and lightweight housing footprint as the ROM II, adds two additional compartments (up to 8-total), while retaining the same straightforward layout and operation. Plus includes new enhanced features to address today's market needs.

This new unit has internationally safety approvals to North American, IECEx and ATEX standards; plus works on both 12 & 24 Volt systems and can monitor up to eight compartments of 2-wire overfill detection and retained product sensors.

The **ROM III** continues to offer the industry standard socket outputs for 2-wire (green) "thermistor" sockets, 5-wire (blue) optic sockets as well as a "float" Loading Rack relay output. Still featured are our unique, three separate, AUX inputs for additional tanker loading safety interlocks.

Plus, new to the **ROM III** is a dedicated NON I.S. relay output for control an on-truck pump, control valve, PTO, etc.

The **ROM III** Onboard Monitor has been designed for use with any Civacon 2-Wire Overfill Sensors.



ROM III (Part No. 3308-3308)  
Overfill Configuration without Retained  
Reset Pushbutton shown

## Key Features and Benefits

- Same small, lightweight housing as ROM II
- Support for tanks with up to 8 compartments using 2-wire overfill and retain sensors
- Universal 12 or 24 Volt power input
- Includes 3 separate AUX Inputs
- NON I.S. relay output / driver can connect directly to a pump, control valve, PTO, etc.
- 5-Wire Diagnostic signal is passed to optic socket when used with optic rack monitors
- Upgrade "kit" available to replace an existing ROM II Module
- For a full list of features please contact Civacon for a copy of the ROM III Installation and Operation Manual (IOM) – Document No. H53265PA)

## Ordering Information

- 3308-3308: ROM III Onboard Monitor, Pre-Configured for use with Overfill Sensors only
- 3308R-3308: ROM III Onboard Monitor, Pre-Configured for use with Retained Sensors also
- 1910A: ROM Terminator (for unused sensor inputs) – One (1) included with above
- 3358-3358 ROM III Replacement Module only
- 3358-KIT ROM II to ROM III Module Upgrade Kit includes Module, Window & Hardware



www.civacon.com ◆ 9393 Princeton-Glendale Road ◆ Hamilton, Ohio, USA 45011 ◆ Phone: (800) 422-2525 ◆ Fax: (800) 421-3297

NOTE: All information subject to engineering and/or other changes. All trade names are copyrighted. Patents Pending. ©2018 Civacon. ©2018 Delaware Capital Formation, Inc. All Rights Reserved. DOVER and the DOVER logo are registered trademarks of Delaware Capital Formation, Inc., a wholly-owned subsidiary of Dover Corporation.

Rev+ Dec2020

DEFINING | WHAT'S NEXT

# ROM III On-Board Overfill Detection System Monitor

## Specifications

Safety Approvals	FM (USA / Canada – Div. 2), ATEX and IECEx (Zone 2)
Input Voltage range	9V to 30 VDC
Input Voltage Fuse	Max. 0.5A, Slow Blow, located in safe area / zone
Ambient Operating Temperature	-40°F to +158°F / -40°C to +70°C.
Max Surface Temperature	+275°F / +135°C
Non I.S. Relay (TB1) Voltage	30 V Max.
Non I.S. Relay (TB1) Relay Current	5 A Max.
I.S. AUX Out (TB4) Voltage	20 V Max.
I.S. AUX Out (TB4) Current	50 mA Max.
Exposed Materials	Powder Coated Aluminum Housing Enclosure, Lexan Window, Buna-N Gasket & Stainless Steel Screws
Mounting	4 x 7/16" Mounting Holes
Ingress Protection	IP54 rated
Associated Equipment	Part No. 1910A Terminator (One (1) required when installed on less than 8-compartment tanks) - Included with Monitor
	Part No. H50452 Retained Reset Pushbutton Switch (One required for Retained Sensors) - Included with 3308R-3308
	Associated System installation items (Sensors, Sockets, Wiring, Strain Reliefs, etc.
	Please contact CIVACON for detailed assistance with recommendations

## Dimensional / Mounting Drawing

