



### Communication Unit

The TA3840C Communication Unit is intended for use with monitoring and loading systems. It can connect four independent communication ports using the Modbus remote terminal unit (RTU) protocol.

The TA3840C displays parameters such as cargo level, temperature and IG pressure. The unit can be installed in a 19-inch rack and includes a supply board, central unit board for data processing, function keyboard, and display unit with LCD screen for measurement and alarm data.

Approved by major international classification societies, the TA3840C provides two slots for one or two analog 4-20 mA input boards (48 channels) or for one or two multifunction I/O boards (8 x 4-20mA, 24 binary out and 16 binary in).

# TA3840C - Technical Specifications

## Technical Data

<b>Power supply:</b>	24Vdc
<b>Max. radar capacity:</b>	64
<b>Max. inputs other than radar:</b>	96
<b>Multifunction board :</b>	8 x 4-20mA, 16 x binary input 24 x binary output.
<b>Analog board:</b>	48 x 4-20mA
<b>External digital sensors/systems:</b>	EMS protocol.

### Communication ports:

3 x RS232, RS485 or RS422

1 x RS 232 or RS485

1 x RS485 (digital sensors/systems input)

**Monitoring:** 2 x alarm thresholds per channel

**Operating temperature:** 0 °C to +70°C

**Protocol:** Modbus - RTU

## Special Features

**Rack size:** 19" 3U (483 x 132 x 185mm)

**3 x relay output:** (COM, NO, NC) for supply fault, data alarm and system faults.

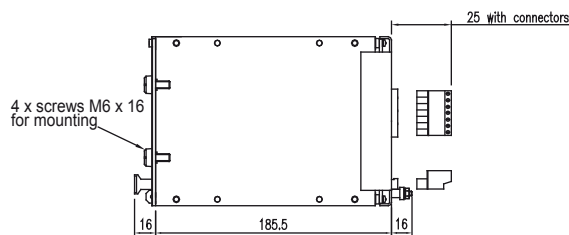
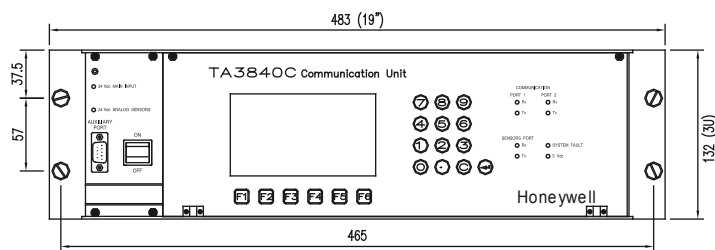
Remote display with full indication.

Dedicated menus for system maintenance and Commissioning.

Combined board can be used when there is few

4-20mA inputs such as inclinometer, draft ...

## Mechanical Fittings & Dimensions



Weight: 3.5 Kg

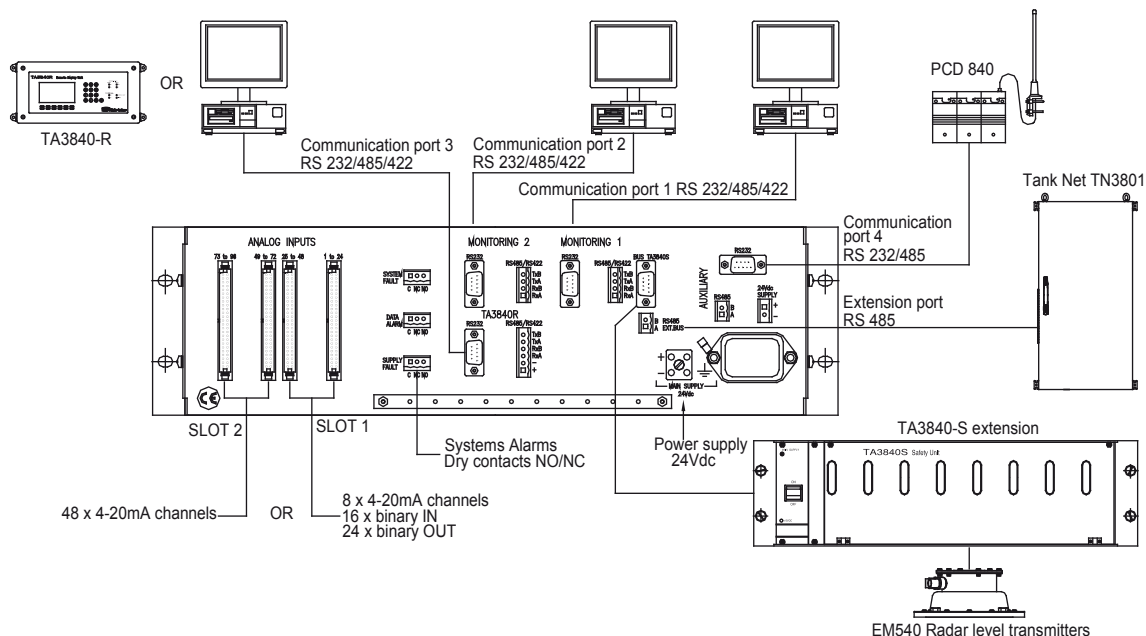
## Technical Documentation

**Installation manual:** MI5008

**Technical manual:** MT5008

**Maintenance manual:** MM5008

## General Connection



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