

Cargo Tank Measuring System

SAFETY UNIT (TA3840S)



DESCRIPTION

TA3840S safety unit consists of a 19" rack into which the radar power supply boards are inserted. Each rack has 8 available slots (one slot for two radars) and the maximum configuration is 4 racks (power supply of 64 radars). The radar level transmitters are configured directly on each power supply board via RS232 port.

- Operating temperature : 5 °C to +70 °C
- Power supply : 115 or 230VAC/50-60Hz
- Consumption : 100AC max. per rack

TECHNICAL DATA

- Intrinsically safety II (1)G [Ex ja] II B
- I/O port : RS232 on front face of power supply board
- Transmitter connection number : 16 max.
- Temical capacity : 2.5m m³

COMMUNICATION UNIT (TA3840C)



DESCRIPTION

TA3840C Communication Unit connects four ports of communication with radar level transmitters.

These ports are independent one of the others, they use the protocol Modbus RTU. The TA3840C also allows to display the parameters as cargo level, temperature, IG Pressure.

The TA3840C is installed in a 19" rack with a display unit with a LCD screen for measurement and alarm display.

TECHNICAL DATA

- Power supply : 24VDC
- Max. radar : up to 96 (analog board)
- Combined board : 4..20mA : up to 8
- binary in : up to 16,
- binary in : up to 24
- Communication : 3RS232, RS485 or RS422 ports 1RS232, RS485 ports 1RS485, TTL extension port
- Monitoring : 2 alarm thresholds per channel
- Operating temperature : 0 °C to +70 °C
- Protocol: Modbus. RTU