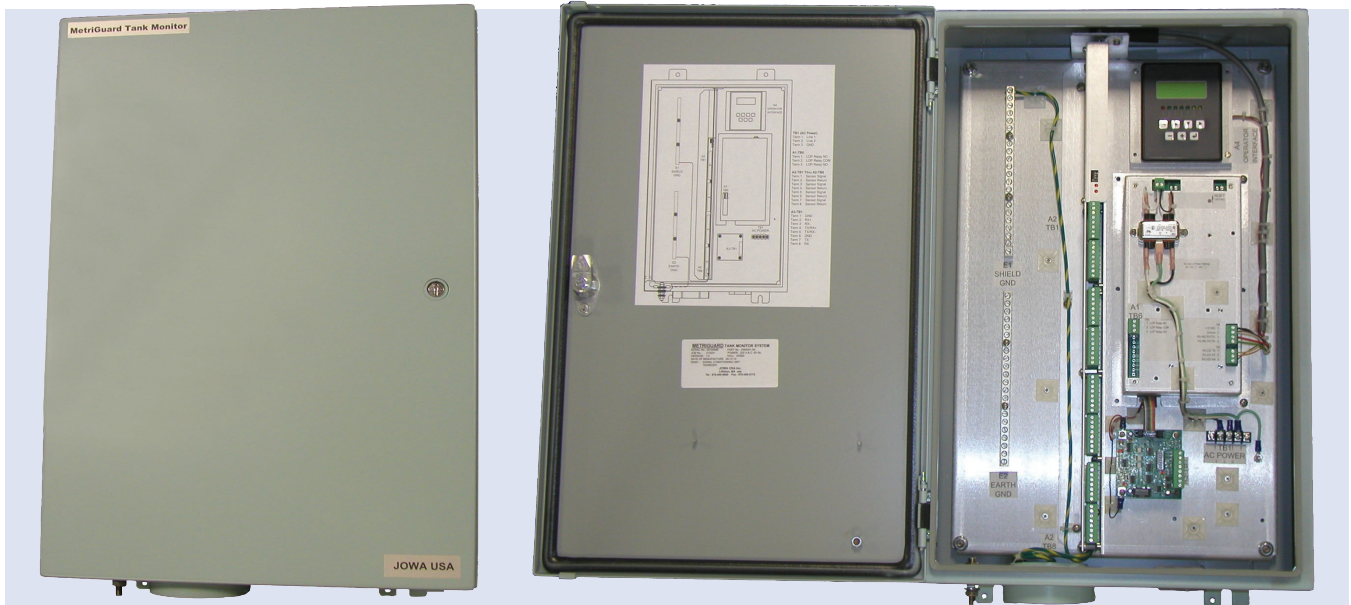


JOWA USA

MetriGuard Tank Monitor



Description:

The MetriGuard Tank Monitor is a 24 tank (maximum) instrument that directly interfaces with JOWA USA's Metritape level and level/temperature sensors that provide reliability and accuracy, even in demanding cargo tanks. The MetriGuard Tank Monitor can be configured with a single or dual multiplexer for 32 or 64 input channels. It converts the sensor output into calibrated data and sends serial data to the customer's equipment. A small internal display is used for setup and calibration.

Approved intrinsic safety barrier circuits are integral to the MetriGuard and allow it to be used with sensors in hazardous areas.

Features:

- Modbus RTU Output of tank level and or temperature
- Provides one Loss of Power relay

Specifications:

Calibration and Set-Up: Via included panel or RS-232 connector

Enclosure Size:

32 Channel: 406 mm W x 610 mm H x 175 mm D [16.0" W x 24.0" H x 6.9" D]

64 Channel: 508 mm W x 610 mm H x 175 mm D [20.0" W x 24.0" H x 6.9" D]

Inputs: AC Power: 90 to 135 VAC or 180 to 270 VAC, 50/60 Hz

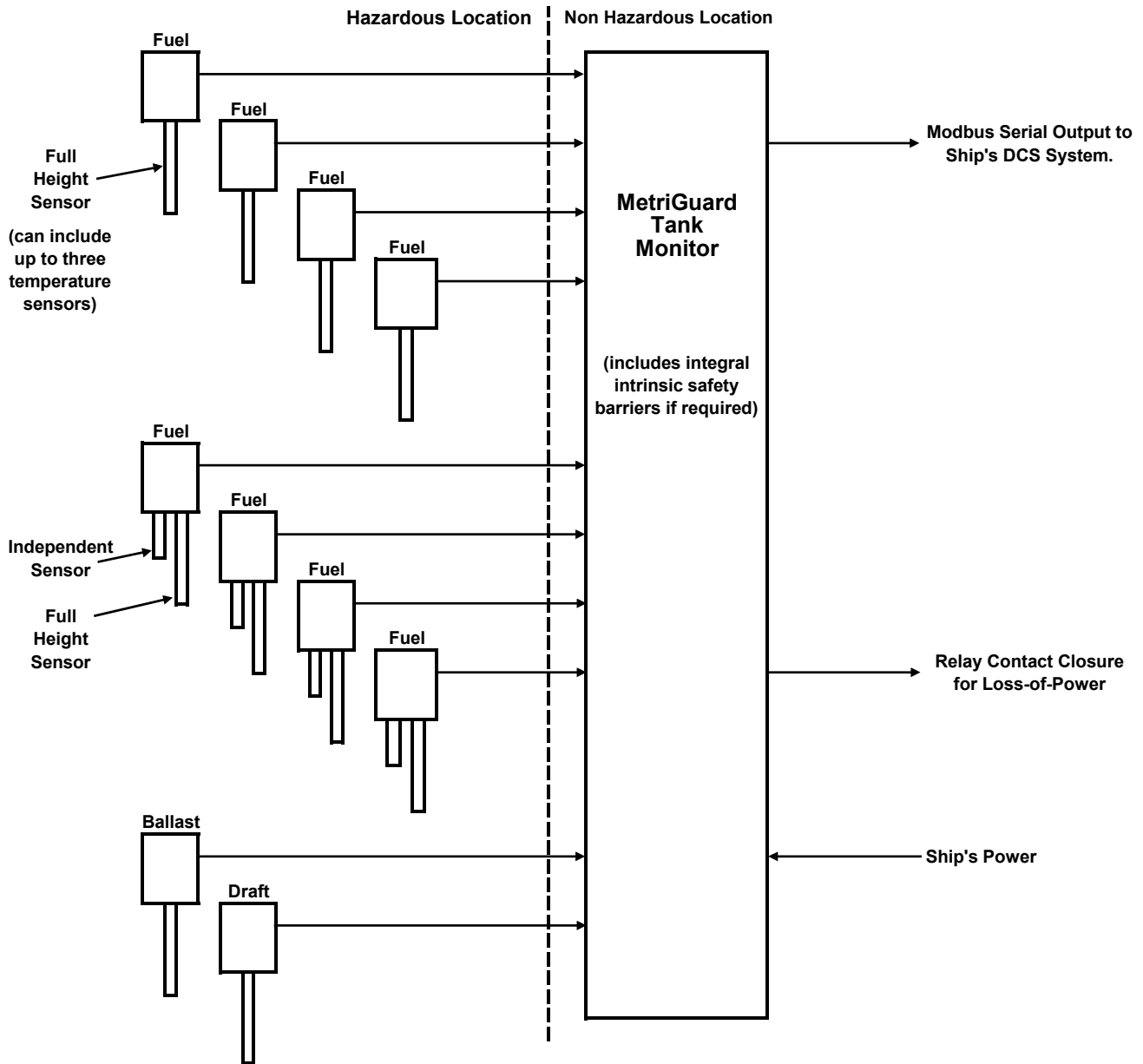
Sensor type: Metritape

Metritape Sensor Length: 1 - 35 meters [3 - 115 feet]

Outputs: Modbus RTU Output of tank level and or temperature; RS232, RS485 2 or 4 wire

MetriGuard Tank Monitor

Block Diagram of Sample System:



Disclaimer:

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