

GENERALITIES

System of specially designed VGM twistlocks to meet the requirement to verify the gross weight of the containers stowed on a ship as stipulated the SOLAS agreement.

TECHNICAL CHARACTERISTICS:

Twislocks VGM:

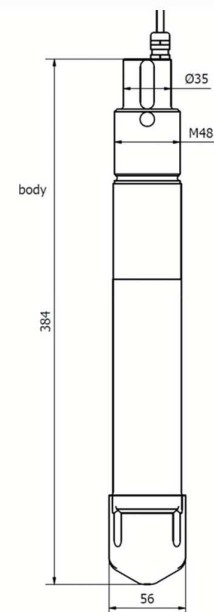
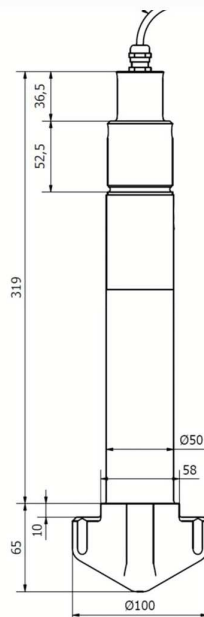
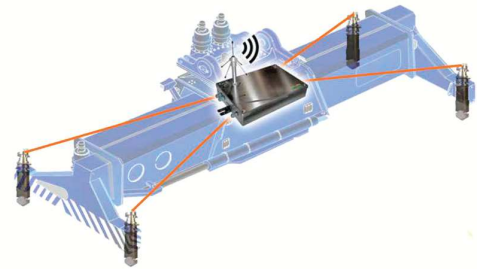
- Easy installation without calibration.
- Accuracy of 3000e, (OIML).
- Comply with the 6: 1 safety factor according to ISO.

Display:

- Wireless connection with the receiver-receiver box (for long distances).
- Touch screen with special software for verification of gross weight.
- Individual weight monitoring of each load cell.
- Indication of overload or off-center load alerts.

Digital traction load cell:

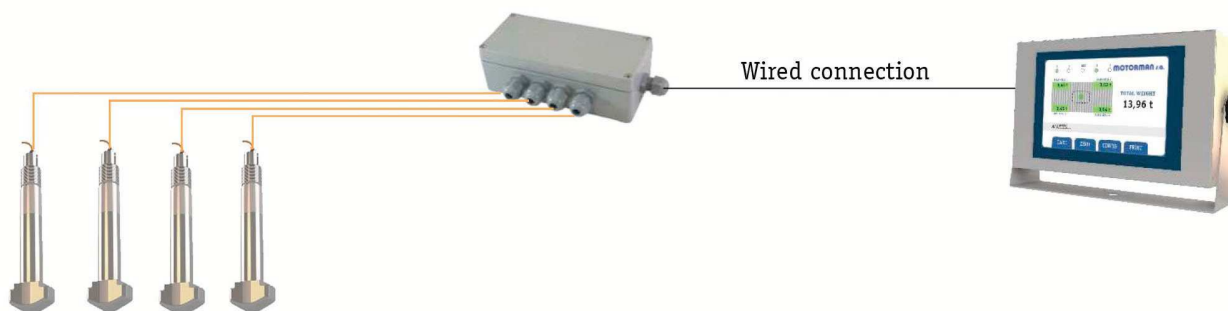
- Designed to replace the existing twistlock pieces with mechanically compatible load cells to obtain the weight of the containers.
- Capacities: 5, 10, 15, 20, 25 tons. Standard version 15 tons.
- System calibrated from the factory.
- Certified load break at 105 tons.
- Standard communication protocol MODBUS RTU (RS485).
- Optional communication: 4-20 mA.
- Voltage: 8 ÷ 27 V.
- Electric socket: 35 mA.
- Insulation resistance: <math>< 5000 \text{ M}\Omega</math>.
- Humidity protection: IP 68.



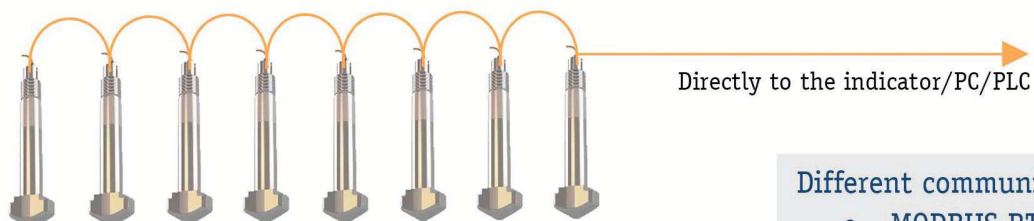
WIRELESS CONNECTION



WIRED CONNECTION



CONNECTION IN SERIAL (FROM 4 up to 8 Load Cells)



Different communication options:

- MODBUS RTU (RS485) - *STANDARD*
- 4-20mA
- 0-10V