TWIST LOCK LOAD CELL

VERIFIED GROSS MASS (VGM) FOR CONTAINERS

Weighing solution suitable for easily obtain the Verified Gross Mass (VGM) of the containers in accordance with the SOLAS regulations

COMPLETE SOLUTION - FACTORY CALIBRATION

COMPLETE SYSTEM

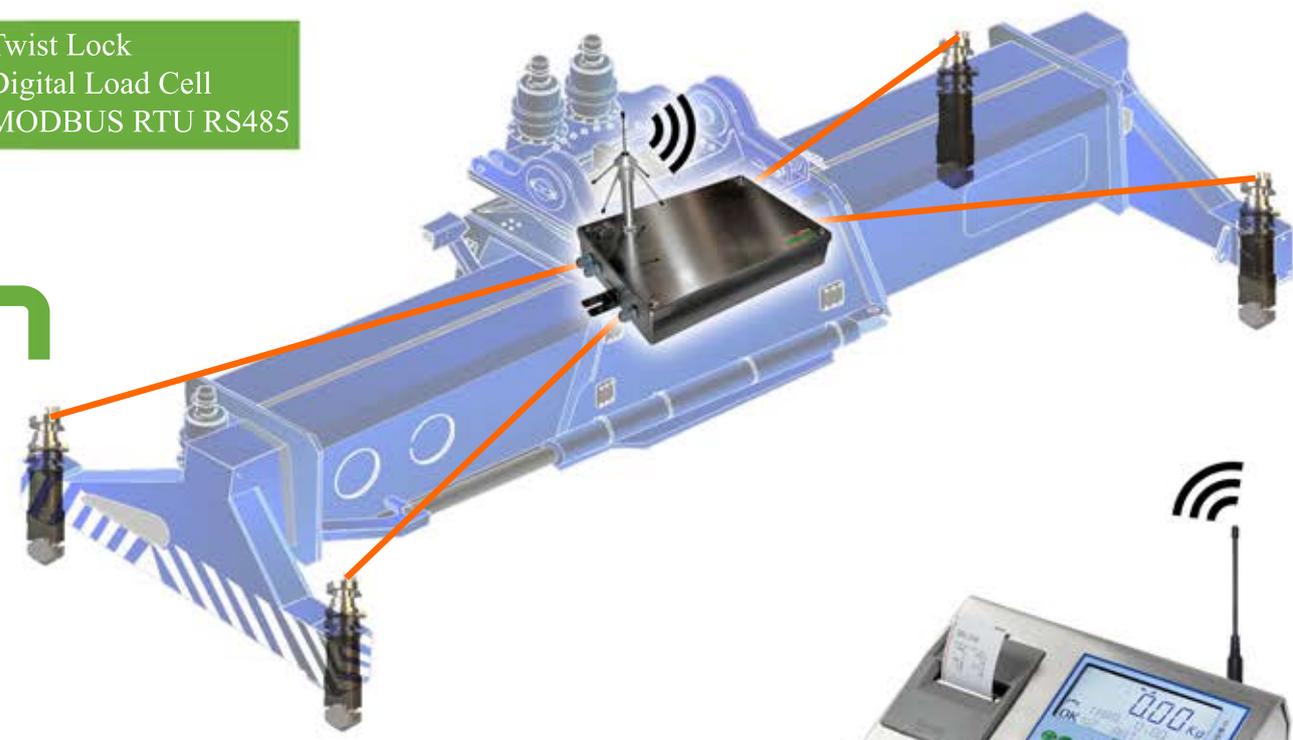## Possibility of connecting 4 or 8 weighing twistlock for individual spreader or twinlift

IMO
SOLAS
VGM

Eurobil

★★★★★★★★★★★
BILANCE

Twist Lock
Digital Load Cell
MODBUS RTU RS485

LOAD CELL TWISTLOCK

Digital Load Cell from 5t to 25t

High Precision 3000e OIML

Designed specifically to be installed in
pre-existing slots used for lifting the
containers

Minimal installation required
no calibration required
PLUG & WEIGHT

Complies with ISO requirements
Security factor 6:1

WEIGHT INDICATOR

wireless connection to the junction box
(Up to 300m) in RF 869 MHz - 10 channels

Backlit LCD display, 32-key membrane keyboard and
built-in thermal printer

serial interface RS-232 (optional RF to PC)

PROTECTION BOX

double protection box against
saltiness and atmospheric agents,
stainless steel made with seals

Inside fixings:

junction box Twistlock

inclinometer

RF transmit module

RF antenna

TW-D

TRACTION DIGITAL LOAD CELL

Designed to replace the existing traditional mechanical twistlock with Twistlock with load cell, mechanically compatible to easily get the weight of the containers.

Till 3000 divisions OIML R-60

OIML

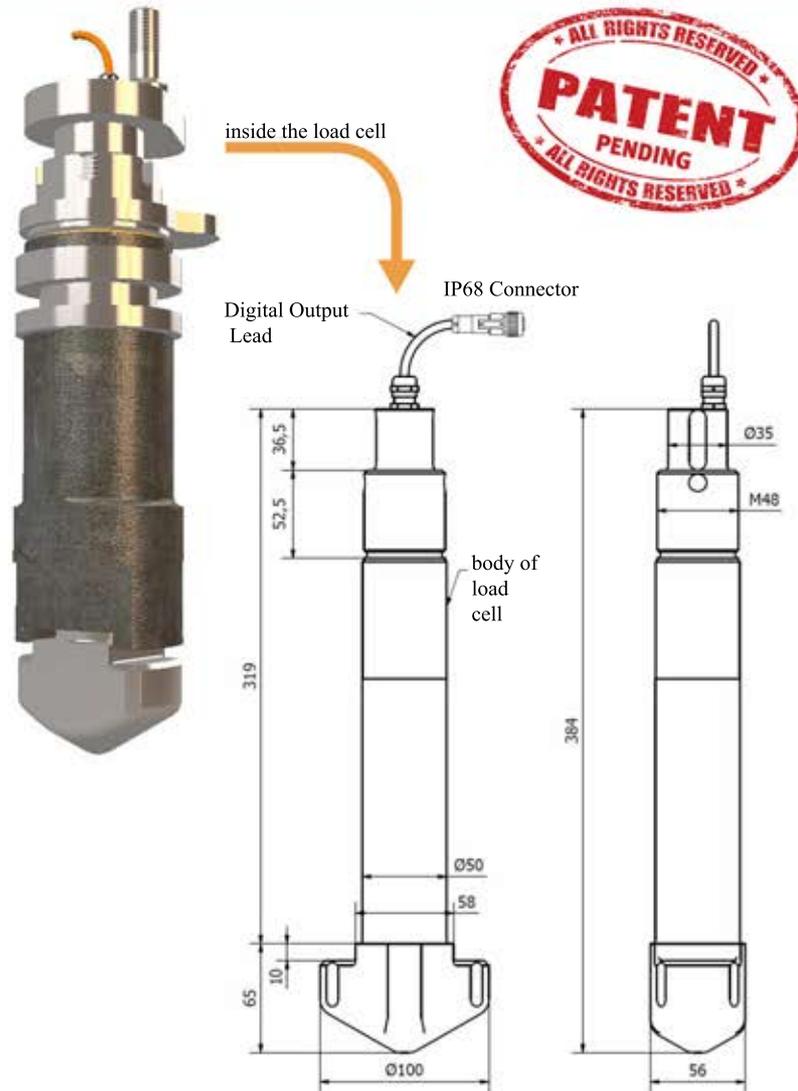Factory Calibration - Plug & Weight System

Safety Factor 6:1

Test Certificate n° E-16.02.C02
Breaking Certificate n° 16/31704345

Standard communication protocol
MODBUS RTU (RS485)

TECHNICAL DATA

Voltage	8-27 V
Current Absorbption	35 mA
Insulation Resistance	> 5000 MΩ
Humidity Protection	IP68

inside the load cell

Digital Output Lead

IP68 Connector

body of load cell

36,5

52,5

319

Ø50

58

65

10

Ø100

Ø35

M48

384

56

CUSTOMIZABLE FOR EVERY INSTALLATION - VARIOUS VERSIONS

Possibility to customize
each twistlock as a load cell

WIRELESS CONNECTION

WIRED CONNECTION
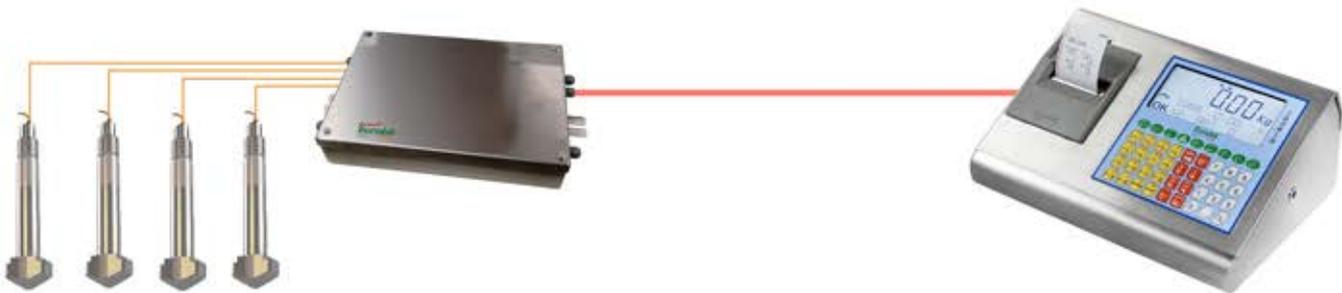
OPTIONS

Weighing Manager Sogtware for PC

Convertiers RS-232 -> RF
examples of connection diagrams:

Eurobil S.r.l.
Via Olona, 183/C - 21013 Gallarate (VA) Italy
Tel. ++39 0331 793449 - Fax ++39 0331 793825
http://www.eurobil.it - e-mail: commerciale@eurobil.it

Eurobil
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