



SENSOCAR

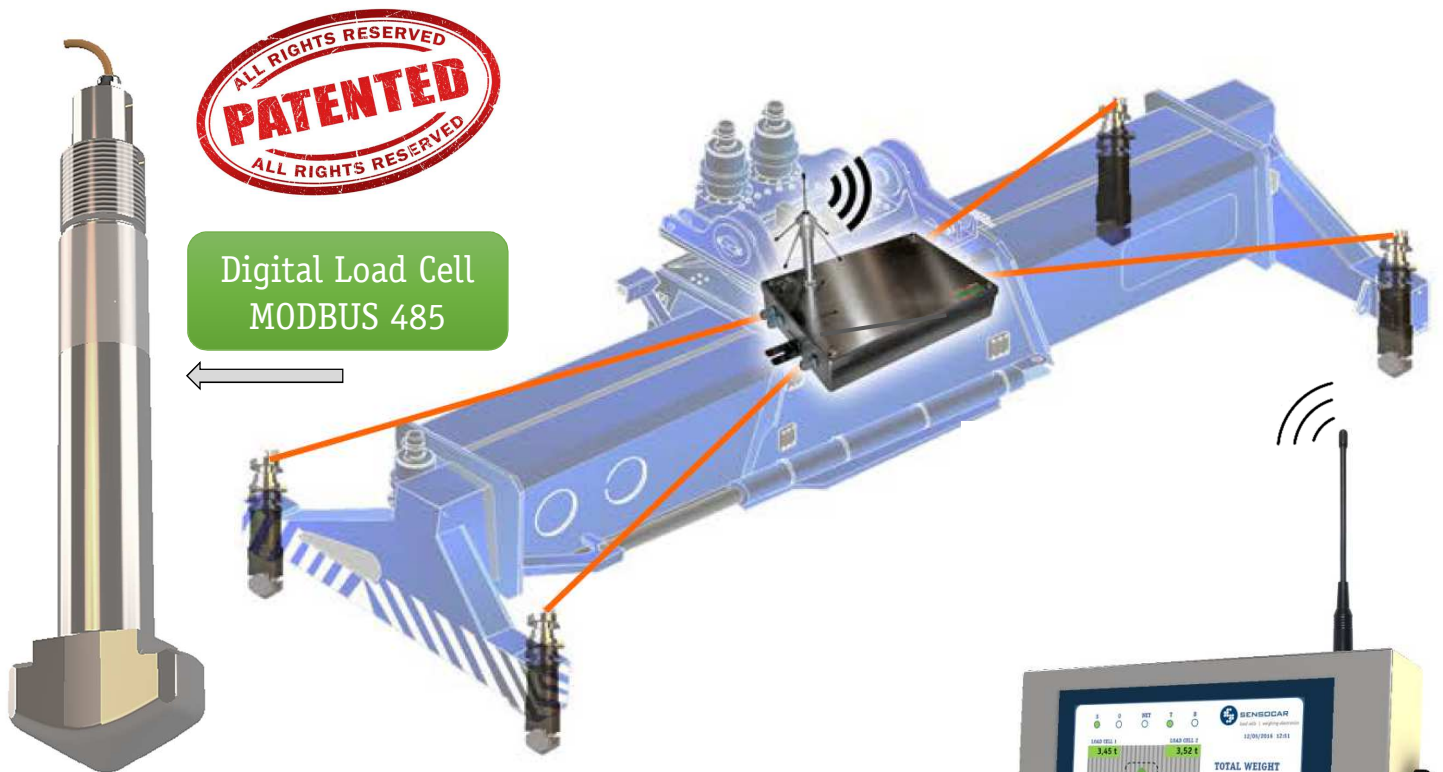
load cells | weighing electronics

CONTAINER WEIGHT VERIFICATION SYSTEM


Weighing solution adapted to easily obtain gross mass of containers to accomplish with SOLAS regulations coming into force in July 2016

Includes 4 or 8 TWISTLOCK load cells + Junction box + Weighing indicator

END-TO-END SOLUTION · CALIBRATED FROM FACTORY



TWISTLOCK LOAD CELL

- ✓ Digital load cell from 5 up to 25t
- ✓ High accuracy 3000e 
- ✓ Designed specifically to be fitted into existing spreaders used to lift containers

- ✓ Minimal installation required.
No calibration needed

INSTALL & WEIGHT

- ✓ Compliance with safety factor 6:1 defined by ISO requirements

WEIGHING INDICATOR

- ✓ Wireless connection with the junction box (for long distances)
- ✓ Touch screen with special software for container gross mass verification
- ✓ Monitoring of weight of individual load cell
- ✓ Indication of alerts of overweight or decentered load

TW-D

Twistlock load cell

Capacities: 5 – 10 – 15 – 20 – 25 t (standard version 15t)

DIGITAL Traction load cell

Designed to replace the existing twistlock pieces by load cells mechanical compatible with them to easily obtain the weight of containers

Up to 3000 divisions OIML R-60

System calibrated from factory.
Plug & Weigh System

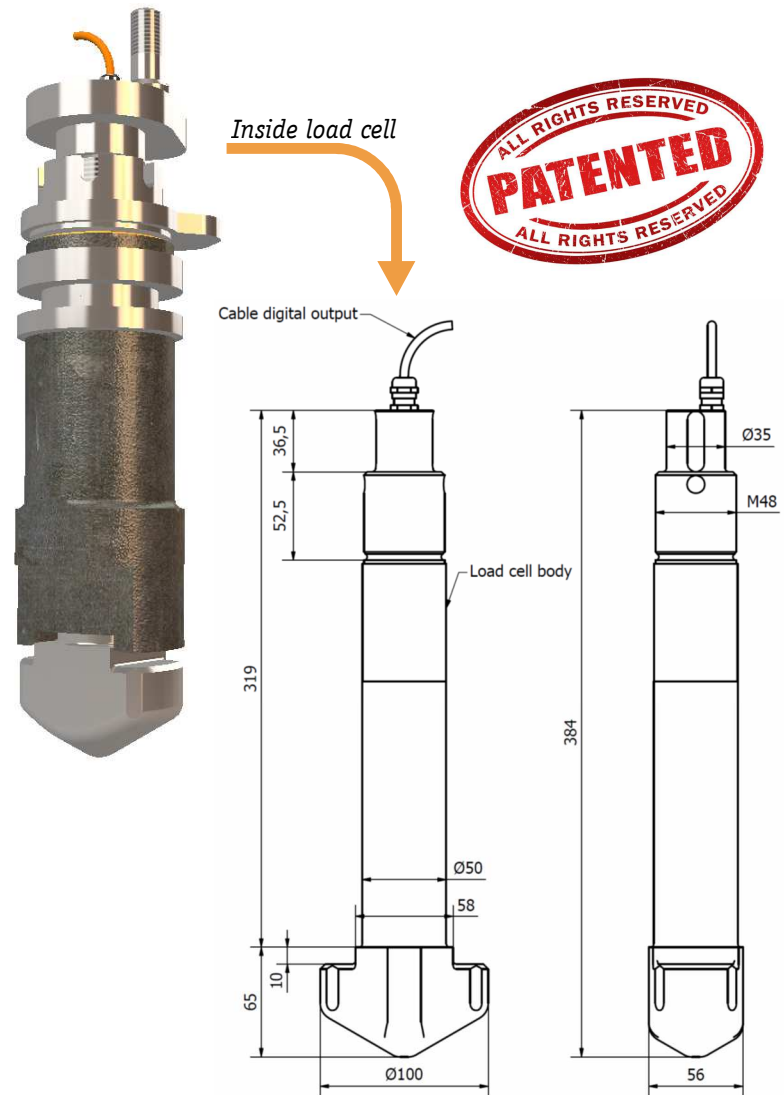
Certified breaking load at 105t

Standard Communication Protocol
MODBUS RTU (RS485)

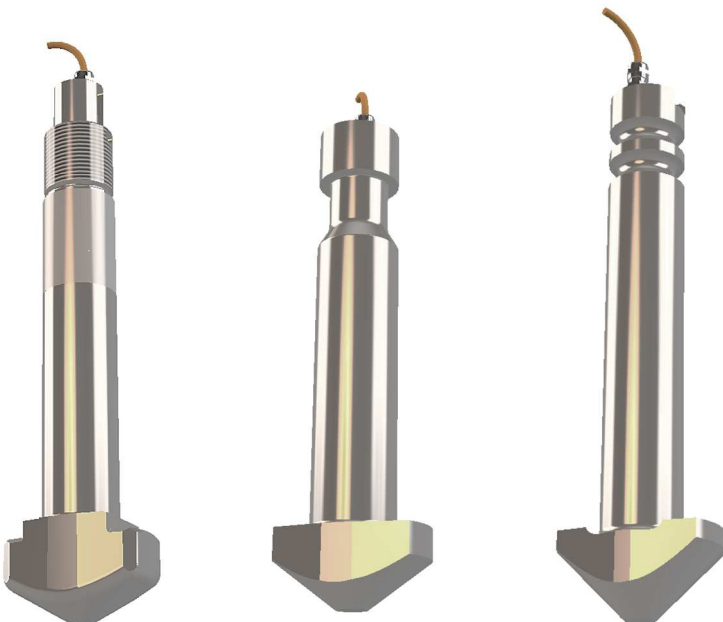
Optional communication 4-20mA

TECHNICAL DATA

Excitation Voltage	8÷27 V
Current consumption	35 mA
Insulation resistance	> 5000MΩ
Protection humidity	IP 68



CUSTOMIZED FOR EACH INSTALLATION · DIFFERENT VERSIONS



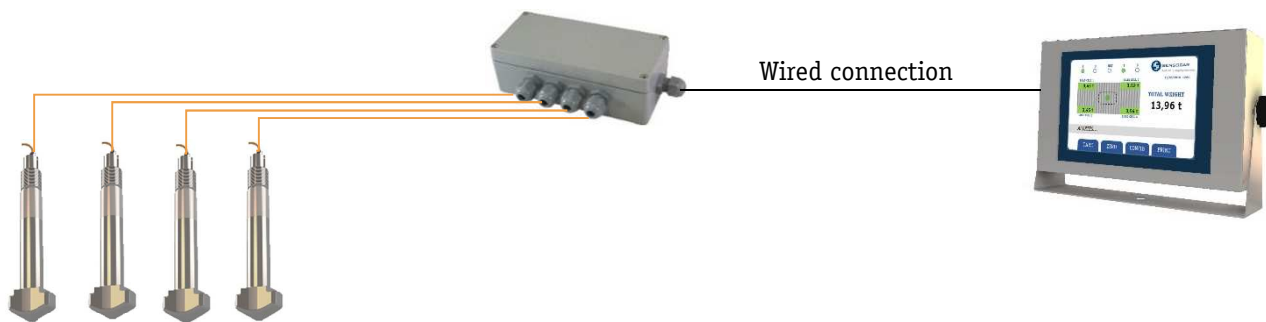
Possibility to customize any
TWISTLOCK as a load cell

CONNECTIONS DIAGRAM · DIFFERENT OPTIONS

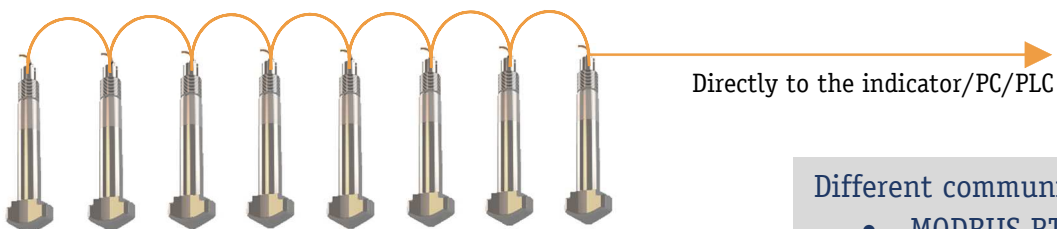
WIRELESS CONNECTION



WIRED CONNECTION



CONNECTION IN SERIAL (FROM 4 UP to 8 LOAD CELLS)



Different communication options:

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



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PI Can Parellada C/Géminis, 77 - 08228 – Terrassa (Barcelona)
Tel. 34 93 780 44 99 - Fax. 34 93 780 39 72