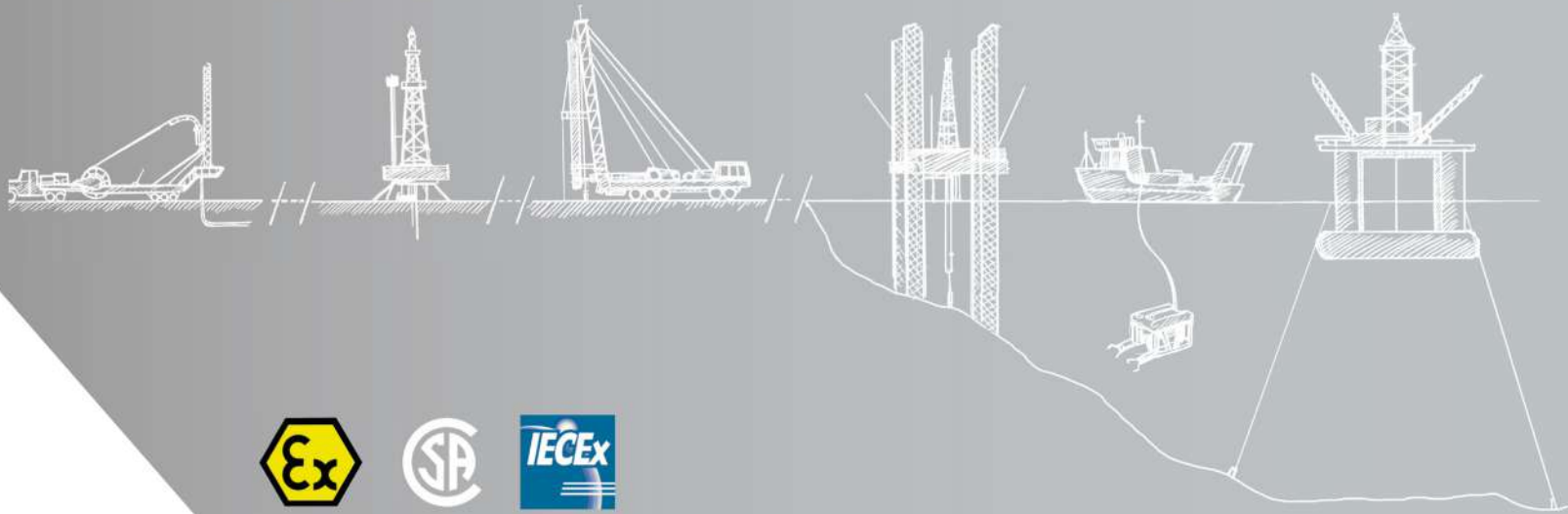




OIL & GAS INSTRUMENTATION

LOAD-FORCE-TORQUE SENSORS



LOAD CELL
MANUFACTURER



OUR STRENGTHS

SENSY S.A. develops and manufactures both **standard** and **custom-made load cells**, load pins and force transducers. These sensors are intended for systems for load limitation, effort or force measurement (from 1 to 6,000,000 lbf / 3,000 tf), torque measurement (from 1 to 350 kft-lb / 475 kNm), and level measurement (for silos and tanks).

We also design transducers for all **industrial and Oil & Gas sectors**, including the most demanding ones, such as the **aerospace sector**. This means that we develop sensors able to work in harshest environments (high temperatures, underwater to depths of 16,000 ft/5,000 m, Ex-certified for use in potentially explosive atmospheres, etc.).

Since our first ATEX certification in 1997, we have developed a great deal of experience in this field. More recently, we have been awarded two new intrinsic safety certifications: **CSA** (USA and Canada) and **IECEX**.

Not only do these certifications impose additional technical constraints, but they also enforce compliance with a specific Quality Assurance system (QA), thereby guaranteeing quality. And, as expected, our quality system is **EN13980 and ISO / IEC 80079-34 certified**.

Thanks to the valuable resources allocated to our R&D department, **SENSY** continues to excel in this specialist sector but also on **aerospace industry**.

In order to meet the specific requirements and to ensure the **highest quality** to our customers, **SENSY's** procedures and processes are in accordance with the **EN9100 quality standards**.



**LOAD CELL
MANUFACTURER**

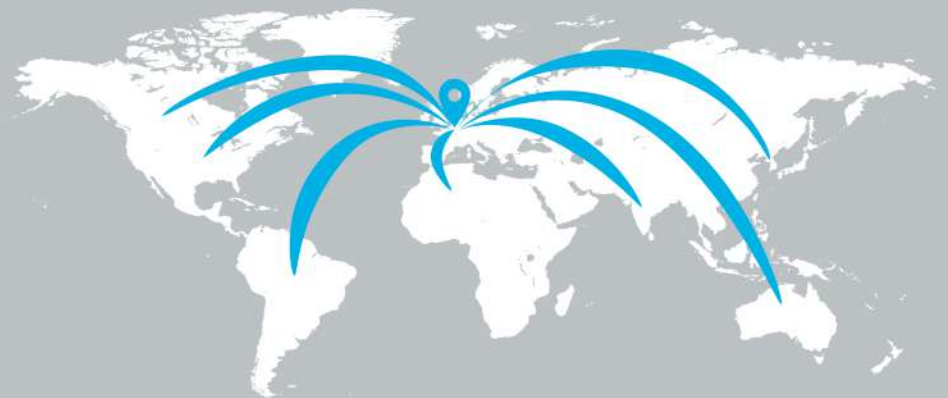


EN 13980



EN 9100
COMPLIANT

* : Available for models : 5000, 5100, 5105, 5300, 5600, 5560, 2600, 2960



FROM DESIGN TO AFTER-SALES SUPPORT, SENSY IS DEDICATED TO SERVING THE OIL & GAS INDUSTRY



MARINE



MOORING CONTROL (ON SHIPS, SEMI-SUBMERSIBLES, FPSO's)

Capacities*: 2 - 150,000 lbf (1 - 75 tf) Rope diameter**: 0.875 - 3.54 in (22 - 90 mm)

* Higher on request
** Cable for running line tensiometer (steel ropes or dyneema)



5540S
Quick release
ATEX (Explosion proof)



5580
Integration of payout and/or speed
encoder on request



5575



5050
Up to 2,000,000 lbf
(Up to 1,000 tf)



ELECTRONICS



INSTRUMENTATION

As a manufacturer of load cells and force transducers, we can supply complete measurement chains by connecting electronics to our products to meet your specific needs. Beside analogical or digital amplifiers integrated in our load cells or mounted on cables, we also offer a broad range of electronic equipment, dedicated software and Ex wireless transmitter to meet customer requirements.



Load monitoring of BOP
cranes in ATEX zone



Load display
in ATEX zone

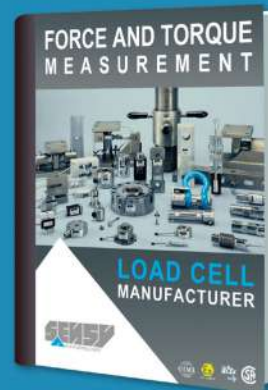
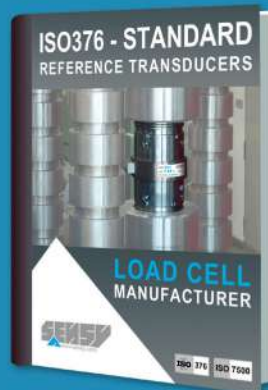
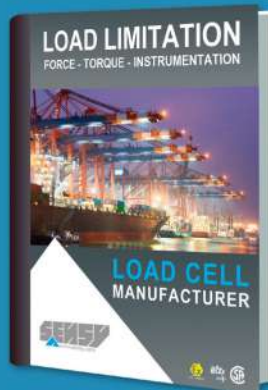
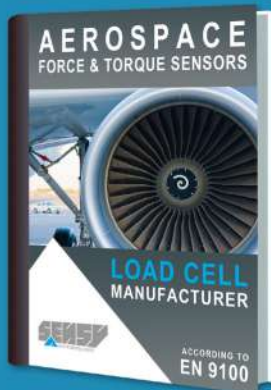


Load limitation
in ATEX enclosure



Tension / Speed /
Payout display

OUR OTHER MARKETS



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