

Crosby[®]

**Load Monitoring
Subsea & Offshore**

Crosby Straightpoint supply load monitoring solutions for the onshore subsea engineering and exploration industries.

- Industries include:
- Oil and gas
 - Subsea surveying
 - Subsea cable laying
 - Salvage and recovery
 - Renewable energy (wind and tidal)
 - Aquaculture

Crosby Straightpoint is a manufacturer of force measurement, load monitoring, and suspended weighing load cell equipment.

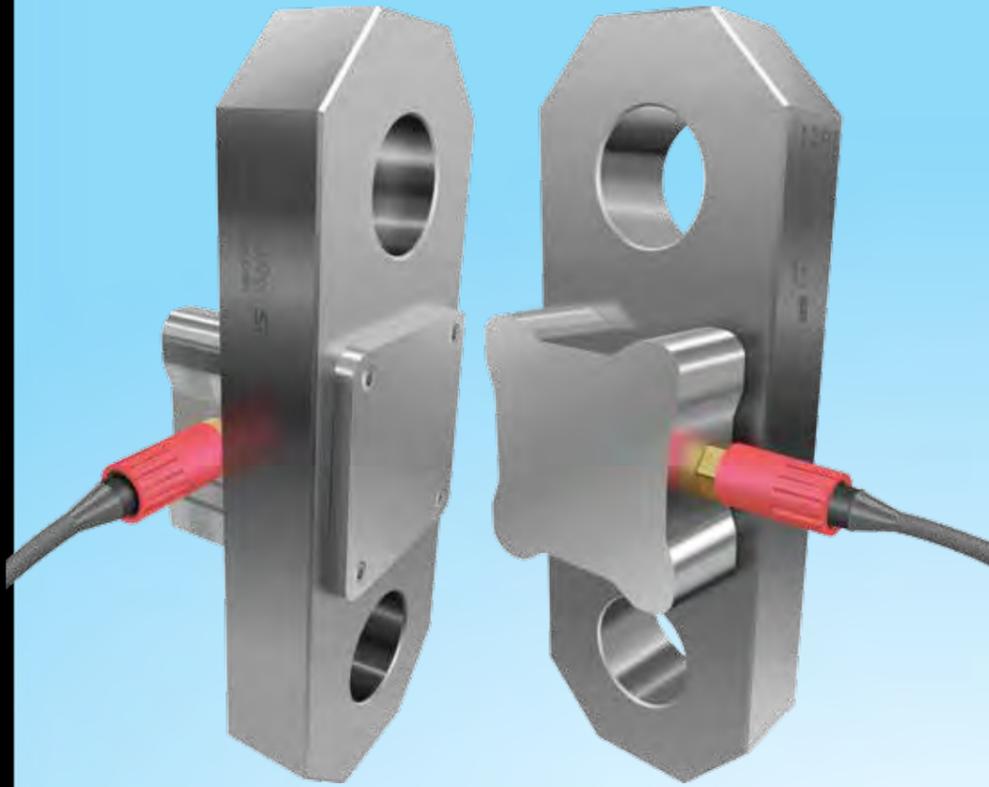
They provide you with all you need to ensure construction and maintenance projects, which involve surface to subsea onshore structures, are successfully completed.

These monitoring systems, consisting of both hardware and software, are ideal for use in measuring both dynamic and static forces endured by rigging lines being used with onshore structures/ vessels, such as Floating Production Storage and Off loading vessels (FPSOs).

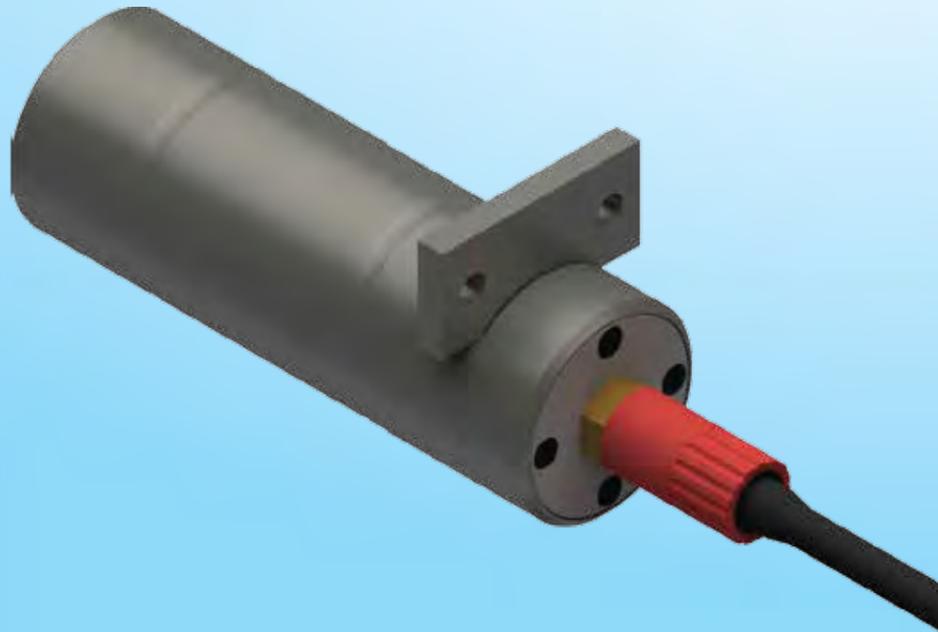
Crosby Straightpoint products have been put through rigorous testing regimes throughout their development in order to meet the high standards of many globally recognised industry bodies. These include DNV-GL, ATEX/IECEX, ASME (American Society of Mechanical Engineers), AWRF (Associated Wire Rope Fabricators), SC&RA (The Specialised Carriers and Rigging Association), and many more.

Developed to be used with a wide range of Kito Crosby standard rigging and lifting equipment, currently being utilised within the onshore subsea industry.

Crosby Straightpoint understand the dangers and offer rugged and reliable product solutions, which have the following features: (see opposite)



Subsea Loadlink



Subsea Loadpin

Subsea LoadShackle



Instrumentation



1. 6.5te – up to 120te capacities
2. Deep subsea cable connection capabilities
3. Compatible to fit major ROVshackles (Crosby)
4. Made from high grade steelalloy that provides durablestrength and high levels ofcorrosion resistance(chemicals and salt water).
5. Two-year warranty
6. Safety factor ratio of 5:1

Reducing risk, increasing safety and preserving assets.

The subsea engineering and exploration industries work in ever-increasingly challenging environments, as they continue to run their operations into deeper seas. Adverse weather, varying sea states and harsh underwater currents can inflict heavy forces against vessel and platforms; enough to test the limits of the mooring lines and flowlines, beyond their extremes.

The engineers working within these industries have to produce highly innovative solutions to these demanding situations out at sea, so that operations can be carried out with the lowest possible workings risks to both personnel and assets. However, the risks are still high and potential disasters could still happen:

- Expensive asset damage or loss
- Environmental e.g. chemical or gas/oil leaks
- Loss of life
- Costly operational disruption

Crosby Straightpoint subsea load cells working together with the compatible software can be utilised within the following activities:

- Oil Rig Decommissioning
- ROV performing engineering/ maintenance work
- Floating platform mooring
- Flowline mooring
- ROV seabed surveying
- Sunken Vessel salvage
- CALM buoy single point mooring for vessels
- Bollard pull testing
- Structural stress testing
- Tie Downs and Stingers



Kito Crosby is the global leader of the lifting and securement industry it pioneered, and for which it continues to set the quality standard. With global engineering, manufacturing, distribution, and operations, the company provides a broad range of products and solutions for the most demanding applications. Kito Crosby's people, products, solutions, and services have innovated the lifting and securement industry for more than 260 years.

Together we lift and secure the world today, for a safer, stronger, and more productive tomorrow. Our iconic brands include Kito, Crosby, Harrington, Gunnebo Industries, Peerless, and eepos.

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