Hydraulic QC/DC Coupler for LNG – Fit for Extreme Cold

This variant of our hydraulic QC/DC coupler is specifically designed for the transfer of LNG. High-strength alloy construction ensures infallible performance in temperatures as low as -200°C. The coupler can facilitate a secure connection between the loading arm and the tanker manifold within seconds instead of up to twenty minutes as is the case for manually operated products.

Tough conditions require specialistic equipment.
We developed the **Quick Connect/Disconnect Coupler for LNG**
to be the most secure, reliable and efficient solution for transferring liquefied natural gas.

Thanks to its proven, specialist design, the QC/DC for LNG offers multiple benefits:

No Product Loss!

Superior design seals connections regardless of vibration, **protecting them from leakage when connected to the ship.**

Safety

Always safe, the coupler maintains secure connection to tanker manifold even in the event of power failure. The QC/DC for LNG doesn't require any manual work from the operator at the manifolds, thus minimizing the risk to on-site safety.

Resilience

The coupler permits some flexibility by compensating for up to 5 mm of unevenness of the nominal mating flange surface, **simplifying operations without compromising security.**

Low maintenance

The coupler does not require any grease or lubricant for operation. Moreover, high-strength alloy used for construction reduces the weight and the number of components. Consequently, **the need for servicing is reduced almost to 0.**

Flexibility

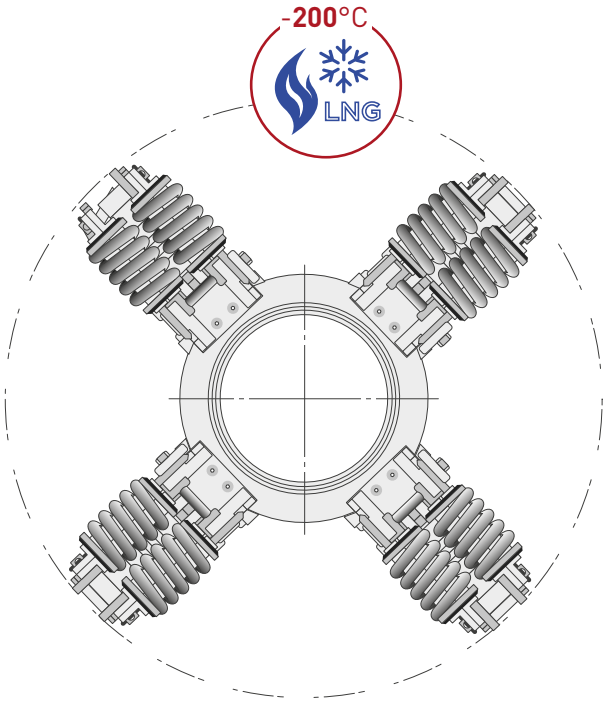
If required, the QC/DC for LNG can be opened manually. This way, should the power supply fail, the system will remain secure **and the loading arm can be safely disconnected.**

Durability

Unlike other products of its kind on the market, in addiction to stainless steel, the QC/DC for LNG is made with high-strength material, which ensures **longevity, even in extreme temperatures.**

Ensuring compliance

The QC/DC for LNG was designed and tested in accordance with the OCIMF 4th Edition 2019 specification, as well as ISO 16904, and adheres to **the highest industry standards.**



Specifications

- Pressure rate: 150 lbs / 300 lbs
- Sizes: 6" to 20"
- Materials: High strength alloy (clamps and mechanical parts), aluminum (cover), energized lip seal
- Operating temperature: -200°C to +200°C

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