



700 COMPACT – DNV MARINE TYPE APPROVED

The 700 Compact encoder from Leine Linde is built for tight spaces and tough conditions – now DNV Marine Type Approved, meeting the highest international standards for safety, reliability, and performance at sea.

Why DNV marine type approval matters


DNV (Det Norske Veritas) is one of the world's most respected classification societies. Their type approval ensures that the 700 Compact meets stringent international standards for:

- Safety and reliability in maritime environments
- Acceptance by ship classification bodies worldwide
- Compliance with marine and offshore installation requirements

With DNV certification, the 700 Compact is pre-approved for integration into vessels, offshore platforms, and other certified systems, saving time and simplifying approval processes.

Technical data

Diameter	100 mm
Vibration	200 m/s ²
Shock	1500 m/s ²
Shaft load radial	100 N
Shaft load axial	50 N
Encapsulation level	IP66
Temperature	Variants up to -40 .. +100 °C



Technical advantages of the 700 Compact series

- **Compact design** – Ideal for installations with limited space
- **Salt spray tested** – Proven resistance to corrosive environments, ideal for marine and offshore applications
- **Shaft isolation** – Prevents bearing currents and extends service life
- **High ingress protection (IP66/IP67)** – Withstands water, dust, and salt
- **Vibration and shock resistant** – Built for the toughest conditions
- **Wide temperature range** – Operates reliably from -40°C to +100°C
- **Multiple electrical interfaces** – Flexible integration into control systems
- **Modular configuration** – Tailor the encoder to your exact needs



Where it's used

The 700 Compact DNV variant is trusted in:

- Propulsion and steering systems
- Thrusters and stabilizers
- Pumps and compressors
- Control and monitoring systems
- Winches and cranes
- Steering systems

Its robust construction and marine approval make it ideal for both onboard and offshore installations.