



ELECTRONIC INCLINOMETER

High-precision vessel motion monitoring for enhanced safety and operational awareness

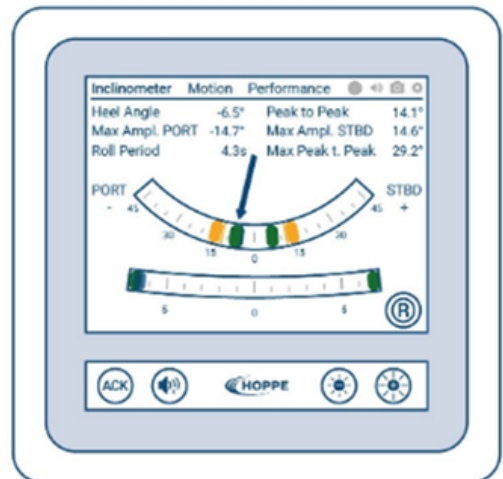
The Hoppe Electronic Inclinometer provides accurate roll, pitch, trim and list measurements using an advanced inertial measurement unit (IMU). Designed for modern vessel operations, it supports onboard decision-making, improves safety and helps meet current and upcoming regulatory requirements.

Why Electronic Inclinometer

- Accurate triple-axis measurement of roll, pitch, trim and list
- Supports onboard operational decision-making
- Early identification of critical vessel motions
- Increased safety for passengers and crew
- Supports route and course adjustment decisions
- Motion data available for incident investigations
- Easy installation with minimal hardware requirements
- Suitable for integration with VDR and bridge systems

System Design

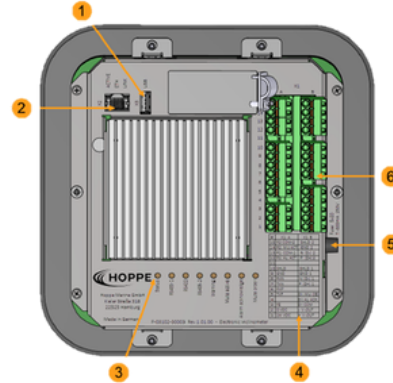
- Integrated inertial measurement unit (IMU)
- Stand-alone bridge installation
- Combined power and data connection via PoE
- Ethernet and USB interfaces
- NMEA communication interfaces
- Alarm and warning management integration
- Data logging and export functionality
- Designed according to IMO and ISO requirements



Type Approval Requirements

- Type Approval requirements UR E10, associated with class-specific rules always to be observed
- SOLAS MSC.532(107) amendments valid from 01.01.2026 for container vessels and bulk carriers
- MED requirements valid for EU-flagged vessels of various types valid from 04.09.2027

1. Universal Serial Bus USB interface (X3)
2. Ethernet interface (X2)
3. Status LEDs
4. Wiring table, according connection interfaces
5. Fuse 5x20 T-800mA 250V
6. Connection interfaces (X1)



OUR PRODUCT RANGE

Fluid & Floating

- Valve Remote Control
- Anti-Heeling
- Tank Gauging
- Flume Anti-Rolling
- Interling Anti-Rolling
- Distance Measuring
- Draught Measurement
- Electronic Inclinator
- Dynamic Draught and Floating Monitoring
- Floating Condition Control

Performance & Energy

- Emission Monitoring
- Energy Measurement
- Shaft Power Meter
- Fuel Measurement
- Energy Saving Solutions
- Crew Connect
- Performance Monitoring
- Data Collection and Acquisition

Fleet Services

- Spare Parts
- Technical Service
- Retrofit- And Upgrades
- MIoT Digitalization Upgrade

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