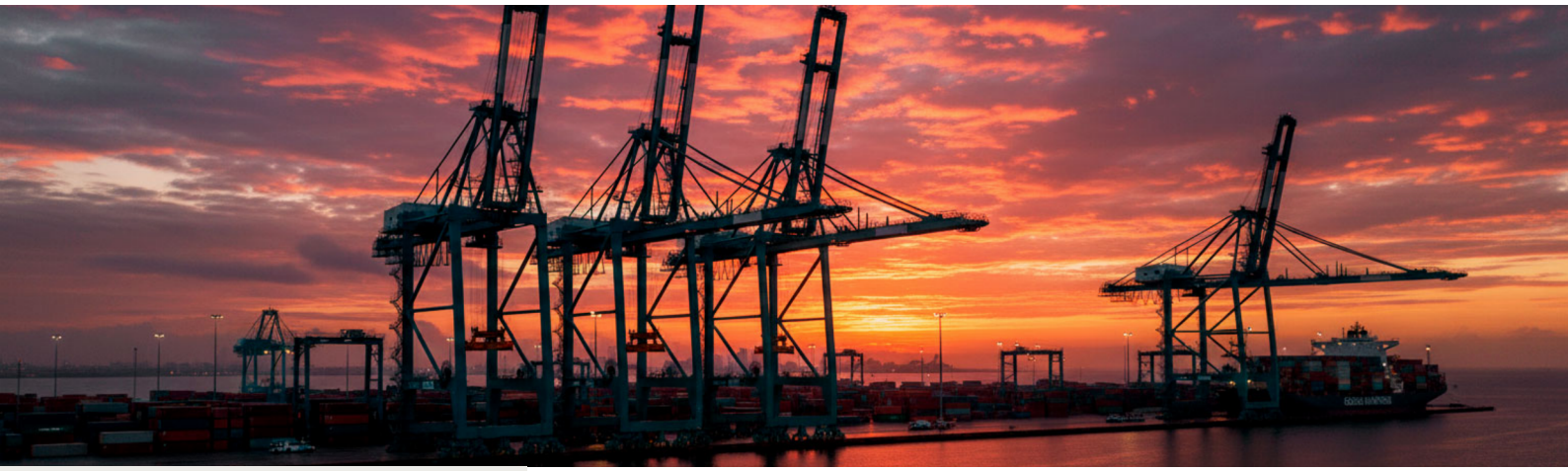
PRODUCT OVERVIEW

METEO-LCD-NAV Digital ship indicator



POSSIBLE APPLICATIONS

- Oil rigs
- Container ships
- Maritime applications

Multifunctionality and reliability for maritime applications

This unshakeable all-rounder has passed the shock and vibration tests (according to BV 0440 and BV 0430) for use on ships on the high seas with flying colors. The 14742 display is multifunctional, flexible, and compact. It is an essential component of the proven LAMBRECHT system solutions with Ser[LOG] and various other sensors. The high-contrast graphic LCD, low installation depth, and integration of multiple devices into a network are the most important features of this high-quality display device.

- Display of specific ship parameters
- Shock class A
- Large multifunction display with adjustable backlighting
- Variant with waterproof front panel
- Galvanically isolated supply and signal inputs
- Instantaneous, average and extreme values

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METEO-LCD-NAV Digital ship indicator

Professional Line	METEO-LCD-NAV
Ident-No.	00.14742.301002 Meteo-LCD-NAV 00.14742.011002 Meteo-LCD-NAV/W: with waterproof front panel design based on IP 66
Parameters	Vessel-specific data: speed and heading; roll and pitch; true and relative wind direction and wind speed; air temperature; humidity; air pressure; dew point
Measuring ranges	Depending on the digital input signals of the connected sensors
Accuracy	Depending on the digital input signals of the connected sensors
Protocols	WIMWV; WIMWD; WIMTA; WIMHU; WIMMB; PPPRP; HEOSD; NMEA 0183
Interface	RS-422/485
Measuring cycle	1 Hz; Baud rate: 4800...38400
Areas of application	Temperatures 0...+50 °C; humidity 0...95%
Supply voltage	9...36 VDC (2.5...5 W); insulation voltage 500 VDC
Representation	Digital display; partly analog display in the compass rose
Dimensions	(14742): 144 x 144 x 72 mm; (14742 W): 160 x 160 x 78 mm
Housing	Standard enclosure for panel mounting; IP23 (indoor)
Weight	(14742): 0.8 kg; (14742 W): 1 kg
Can be connected to	Combined Ship Wind Sensor 24513; all sensors with NMEA 0183 protocol and RS-422

As of November 15, 2026