

METEO-LCD-NAV DIGITAL INDICATOR FOR SHIPS



The steadfast multi talent...

has passed the shock and shake tests (acc. to BV 0440 and BV 0430) for naval applications on the high seas with bravura. The indicator (14742) is multi-functional, flexible and compact. It is an essential part of the proven LAMBRECHT system solutions with SYNMET and various other sensors. The high contrast graphic LCD display, the low mounting depth and the integration of various devices into a network are the most important features of this highly qualified indicator.

- display of specific ship parameters
- shock class A!
- big multifunctional display with adjustable background illumination
- variety with waterproof front plate design
- galvanically separated supply and signal channels
- momentary, mean and extreme values

APPLICATIONS

- drilling platforms
- container ships
- naval applications

Professional Line	METEO-LCD-NAV Digital indicator for ships
Id-No.	00.14742.301002 (14742) Meteo-LCD-NAV 00.14742.011002 (14742 W) Meteo-LCD-NAV/W: with water resistant front plate design in the style of IP 66
Parameter	ship-specific data: speed & heading • roll & pitch • true as well as relative wind direction and wind speed • air temperature • air humidity • air pressure • dew point temperature
Measuring range	depends on the digital input signals of the attached sensors
Accuracy	depends on the digital input signals of the attached sensors
Protocols	WIMWV • WIMWD • WIMTA • WIMHU • WIMMB • PPPRP • HEOSD • NMEA 0183
Interface	RS 422/ 485
Measuring cycle	1 Hz • Baud rate: 4800...38400
Range of application	temperatures 0...+50 °C • humidity 0...95 %
Supply voltage	9...36 V DC (2.5...5 W) • isolation voltage 500 V DC
Display	digital display • partially analogue display in the compass rose
Dimensions	(14742): 144 x 144 x 72 mm • (14742 W): 160 x 160 x 78 mm
Housing	standard housing for installation in to control panels • IP 23 indoor
Weight	(14742): 0.8 kg • (14742 W): 1 kg
Accessories (order separately)	00.90515.024000 (90515-24/3) Plug-in power supply unit: • 100...240 V AC • 24 V DC • 1.25 A • 30 VA
Connectable to	Combined Naval Wind Sensor (24513) • all sensors with NMEA 0183 protocol and RS 422

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