LAMBRECHT
meteo

AN **aem** BRAND

Ser[LOG]-NAV   DATA LOGGER · COMING SOON!*

Reliable data management for maritime applications

Ser[LOG]-NAV is a configurable and adaptable data acquisition and monitoring system. The data logger professionally records weather data, heading, course, and speed data and integrates with on-board computers and navigation systems to inform control of the ship. Calculations like True Wind are automatically calculated. Hardware and software merge seamlessly and provide to protect passengers, crew, and cargo.

· 6 serial multifunctional interfaces for data input and data output
· True Wind calculations and multi-wind sensor support
· Manual/automatic dual wind sensor selection with windward and leeward detection
· Calculates additional parameters, including dewpoint, absolute humidity, and wet bulb temperature
· Supports individual ship specific disturb sector correction
· Alert system for up to 10 alert channels using multiple relays

*) expected to be available from January 2024

APPLICATIONS

· Inland vessels
· Cruise ships
· Tankers
· Container ships
· Luxury yachts

Professional Line	Ser[LOG]-NAV
Id-No.	00.95770.500000
Signal input	2 status inputs
Output	2 potential-free, configurable relays
Interface	5 x RS 485 or 6 x RS 422 or 4 x RS 232 USB device and USB host
Operating conditions	-30 to +70 °C; 5 to 95 % r. h. (non-condensing)

Professional Line	Ser[LOG]-NAV
Supply voltage	10...30 VDC
Power consumption	from 34 mA (12 V) up to 240 mA (12 V) depending on configuration
Storage capacity	1 year in ring memory (8-byte IEEE real format)
Ethernet	100 Mbit, Connector RJ45
Design	mounting bracket for 35 mm DIN rail
Dimensions	135 x 135 x 72 mm
Housing	Aluminum
Weight	approx. 0.9 kg
EMC standards / Electrical safety	IEC 60945; RS 422 and RS 485 up to 2.5 kV isolated; all interfaces with 15 kV ESD protection

As of: 25.11.2023