



# DIGITAL MULTIFUNCTIONAL INDICATOR UNIT

## The multi talent...

is very versatile and flexible. The high contrast display can be adjusted by dimmer to the prevailing lighting conditions. The compact design proves to be very advantageous and cost efficient when mounted into control panels. The instruments are reliable and cross-linkable. They can, when series-connected, display all 6 measured main parameters at the same time.

- ▶ big, graphic, high-resolution display with background illumination
- ▶ contrast and brightness adjustable
- ▶ variety with water-proof front plate design
- ▶ low mounting depth
- ▶ galvanically separated supply- and signal channels
- ▶ momentary, mean and extreme values

measuring stations • air fields • industrial and chemical plants • vehicles of civil protection • mobile towers • ships



Professional Line	(14742)	Digital Indicator Meteo-LCD-IND	Id-No. 00.14742.401 002
Display:		digital • partially analog display in the compass rose	
Parameters:		wind direction and wind speed • air temperature • air humidity • air pressure • dew point temperature	
Measuring range/ Accuracy:		depending on the digital input signals of the attached sensors	
Range of application:		temperatures 0...+50 °C • humidity 0...95 %	
Measuring cycle/ Baud rate:		1 Hz • 4800...38400	
Message strings:		WIMWV • WIMTA • WIMHU • WIMMB • NMEA 0183	
Interface:		RS 422/ 485	
Supply voltage:		9...36 V DC (2.5...5 W) • isolation voltage 500 V DC	
Housing:		standard housing for installation in control panels • IP 23 (indoor)	
Dimensions/ Weight:		144 x 144 x 72 mm • 0.8 kg	
Connectable to:		Data acquisition system SYNMET-IND (95661) • all sensors with NMEA 0183-protocol and RS 422	
Version:			
<b>00.14742.111 002</b>		<b>(14742 W) Meteo-LCD-IND/ W</b>	
		with water resistant design of the front plate in the style of IP 66 • 160 x 160 x 78 mm • 1 kg	
Accessory:			
<b>00.90515.024 000</b>		<b>(90515-24/3) Plug-in power supply unit</b> • 100...240 V AC • 24 V DC • 1.25 A • 30 VA	



# DIGITAL INDICATORS

for multifunctional display

## 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 multifunctional, flexible and compact. It is an essential part of the proven LAMBRECHT system solutions with SYNMET and various more sensors. The high contrast graphic LCD display, the low mounting depth and the integration of various devices into a network are the most important qualities of the highly qualified indicator.

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

drilling platforms • container ships • naval applications



Professional Naval-Line	(14742)	Digital Indicator for ships Meteo-LCD-NAV	Id-No. 00.14742.301 002
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Display:  
Parameters:

Measuring range/ Accuracy:  
Range of application:  
Measuring cycle/ Baud rate:  
Message strings:  
Interface:  
Supply voltage:  
Housing:  
Dimensions/ Weight:  
Connectable to:

Version:  
**00.14742.011 002**

Accessory:  
**00.90515.024 000**

digital display • partially analog display in the compass rose  
 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  
 depends on the digital input signals of the attached sensors  
 temperatures 0...+50 °C • humidity 0...95 %  
 1 Hz • 4800...38400  
 WIMWV • WIMWD • WIMTA • WIMHU • WIMMB • PPRP • HEOSD • NMEA 0183  
 RS 422/ 485  
 9...36 V DC (2.5...5 W) • isolation voltage 500 V DC  
 Standard housing for installation in control panels • IP 23 indoor  
 144 x 144 x 72 • approx. 0.8 kg  
 Combined Naval Wind Sensor (24513) • data acquisition system SYNMET-NAV (95664) • all sensors with NMEA 0183 protocol and RS 422

**(14742 W) Meteo-LCD-NAV/ W**  
with water resistant design of the front plate in the style of IP 66 •  
160 x 160 x 78 mm • 1 kg

**(90515-24/3) Plug-in power supply unit** • 100...240 V AC • 24 V DC • 1.25 A • 30 VA