THOR–1000/XL
Multifunctional display

The THOR line is a complete line of navigation products in which proven techniques are combined with present–day technology.

RADIO HOLLAND

The THOR line is based on its predecessors – the Sigma, Titan and Falcon lines – and combines analogue and digital technologies in a versatile line of navigation products. The THOR line is suitable for both new construction and the replacement market.
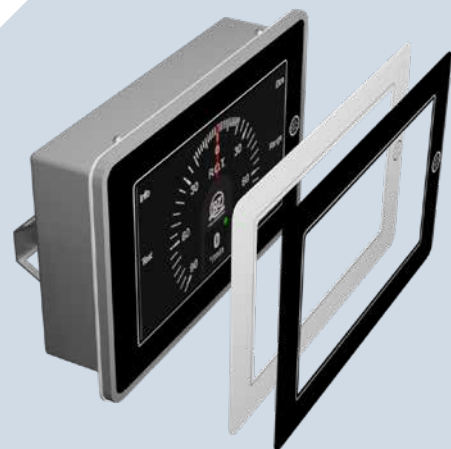
View options

The following reading possibilities have been preprogrammed in the THOR-1000 as standard:

- THOR-100 Rudder position indicator
- THOR-120 Echo sounder
- THOR-130 Wind meter
- THOR-300 Bend indicator
- THOR-500 Autopilot

The THOR-1000 unit is a multifunctional display with embedded software for various types of navigation equipment for commercial shipping. The THOR-1000 display is available with an 8" display and a 10" display (XL). The sensors connected to a network are read and translated to the display by means of a MultiHub. The THOR-1000 enables the user to switch functions from one display to another, so that the navigation bridge can be adjusted at all times.

The THOR-1000 can also be connected directly to the sensors as a stand-alone unit.

Dimming

The THOR-1000 unit has the possibility of creating several dim groups that enable the user to dim multiple displays via a single button or to set them to night vision mode.

Additions

With the use of a network to which the sensors are connected you can add as many displays as you want. As the various reading possibilities have been preprogrammed in the THOR-1000, the unit is ideally suited for extending the navigation system.

Look and feel

The THOR instruments have a slightly lower top, so that an adjustable front can be added. These fronts are available in any color and lay-out you want. The fronts are available in Gorilla Glass or foil.

Technical specifications

Display unit

Housing	Powder-coated aluminum
Dimensions	236 x 154 x 35mm
Dimensions	305 x 210 x 58.5mm (XL version)
Weight	0.9kg
Security	IP-50
Temperature	0 to +55°C
Humidity	0 to 90% non-condensing

Electrical specifications

Main power supply	18-36VDC fused 900mA
Backup power supply	18-36VDC fused 900mA
Power consumption	< 500mA

Optical specifications

Dimensions display	7"
Resolution display	800x480
Dimmer range	5-100%
Brightness	550cd/m2

Other

Safe distance to compass	0.45m
Surge protection	Yes

Outputs

- NMEA 0183
- Relay contact
- Ethernet

Inputs
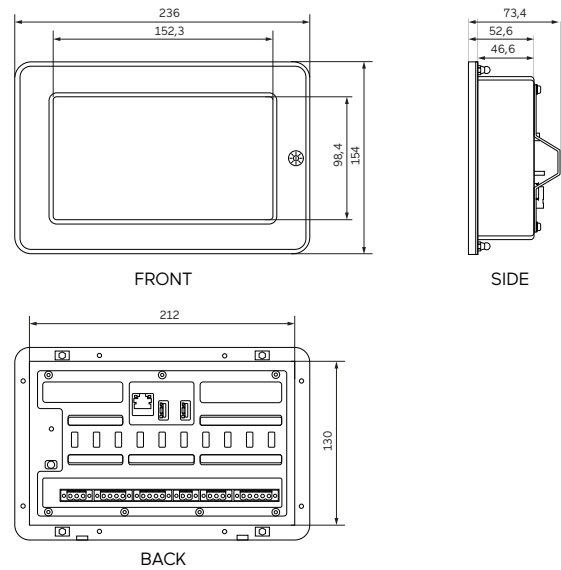
- NMEA 0183
- Ethernet

Declaration of conformity

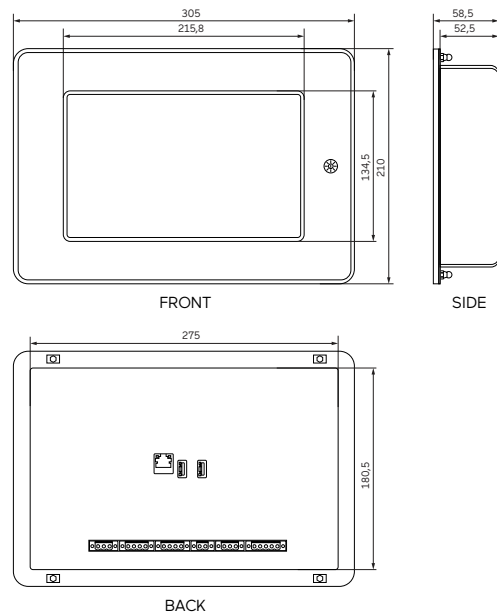EN 60945 (IEC 945, third edition: 1996-11) Chapters 9, 10, 11 and 12

Delivery package

- THOR-1000 Display unit
- THOR-1000 Manual
- Connection for power supply and NMEA
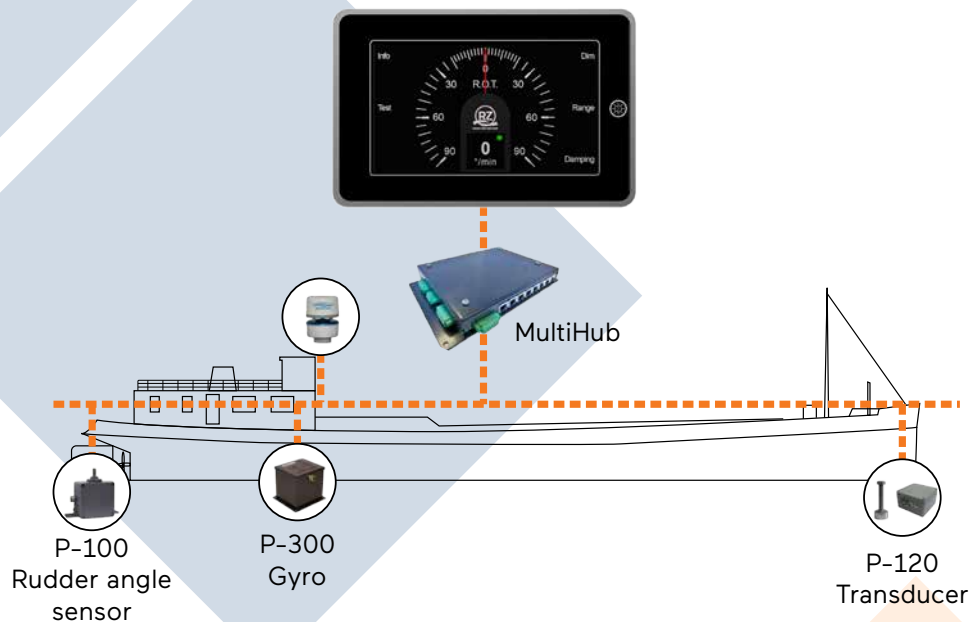
Dimentional Diagrams

THOR-1000

FRONT

SIDE

BACK

THOR-1000XL

FRONT

SIDE

BACK

THOR-1000

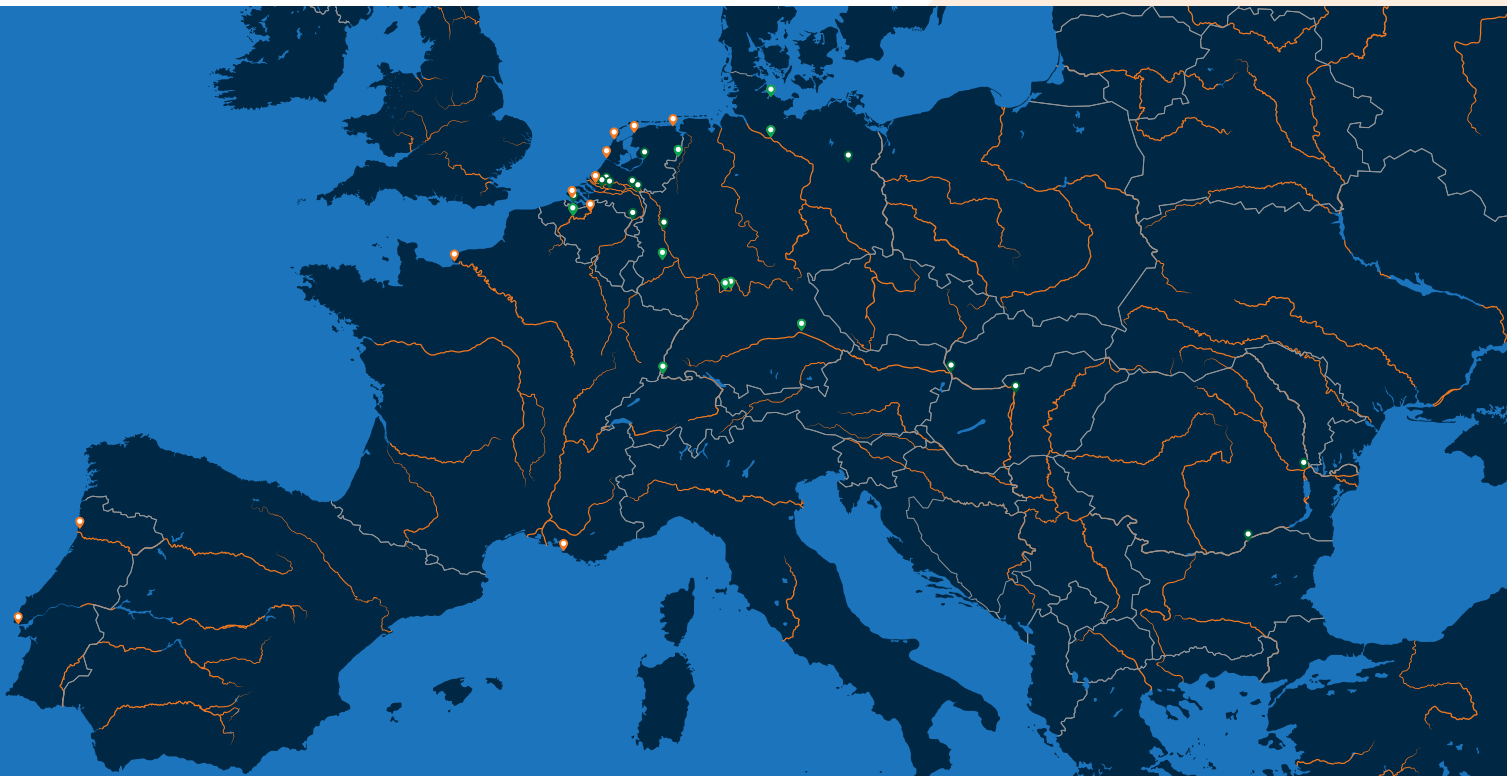MultiHub

P-100
Rudder angle
sensor

P-300
Gyro

P-120
Transducer

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THOR-1000UK V1 (APR2022)

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ALWAYS THERE. EVERYWHERE.