TITAN-1100

TITAN-1100:

The TITAN-1100 unit is an engine data display unit. With this compact unit it is possible to read out two engines at the same time. The data of both engines can be visualized on one screen.

The TITAN-1100 operates with electronic engines and with engines equipped with sensors.

For engine brands or types of engines that are not yet configured, in this system Radio Zeeland DMP can develop software on demand.

TITAN:

The Radio Zeeland DMP TITAN line is a completely new navigation line which combines proven techniques with the modern day technology. The TITAN line is based upon its predecessors, the Falcon and Sigma line and combines the analogue and digital techniques into an extremely versatile navigation line. The new TITAN line is suitable for the new build as well as the replacement market.

Engine data:

The TITAN0-1100 unit is able to read out valuable engine data such as fuel consumption, RPM and coolant temperatures. This data is transferred to the TITAN-1100 display unit and displayed in a number of pages.

The TITAN-1100 operates with electronic engines and with engines equipped with sensors.

The incoming CANBUS J1939 data can be send out in Modbus TCP.

Multiple engines:

The TITAN-1100 holds the possibility to visualize the engine data of two different engines or generators on one screen. This way, the TITAN-1100 provides a quick overview of engine data for vessels with one or two engines.

Hardwired functions:

The emergency functions of the engines are connected hardwired, to prevent software errors from disrupting crucial emergency functions.

Display:

This TITAN-1100 display is fitted with a dimming system. This system has the possibility to issue multiple dim groups , allowing the user to dim multiple TITAN-1100 or TITAN-1100 displays at the touch of one button. It also allows multiple displays to be put into night view mode.

Features

The TITAN-1100 has three predefined page layouts, the main, overview and alarm page.

The Main page has a fixed layout, though the text fonts are customizable. The I/O's can be connected to any gauge on the layout, creating a user friendly platform with which the user can customize its own pages.

The overview page contains digital numeric readouts.

The alarm page provides overview over 8 analogue and 8 digital value's, that can give an alarm once it reaches a value in a predefined range.

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Display unit housing specifications

Housing	Powder coated aluminum
Size	236 x 154 x 50 mm
Protection	IP-50
Temperature	0 to + 55°C,
Humidity	0 to 90% non-condensing

Electrical specifications

Main power supply	18 – 36VDC fused @900mA self recovering
Backup power supply	18 – 36VDC fused @900mA self recovering
Power consumption	< 500mA

Optical specifications

Display size	7"
Display resolution	800x480
Dimming range	5 – 100%
Brightness	550 cd/m^2

Other

Over/voltage protection   Yes

Outputs

- NMEA 0183 output
- Relay contact output
- Output for Ethernet

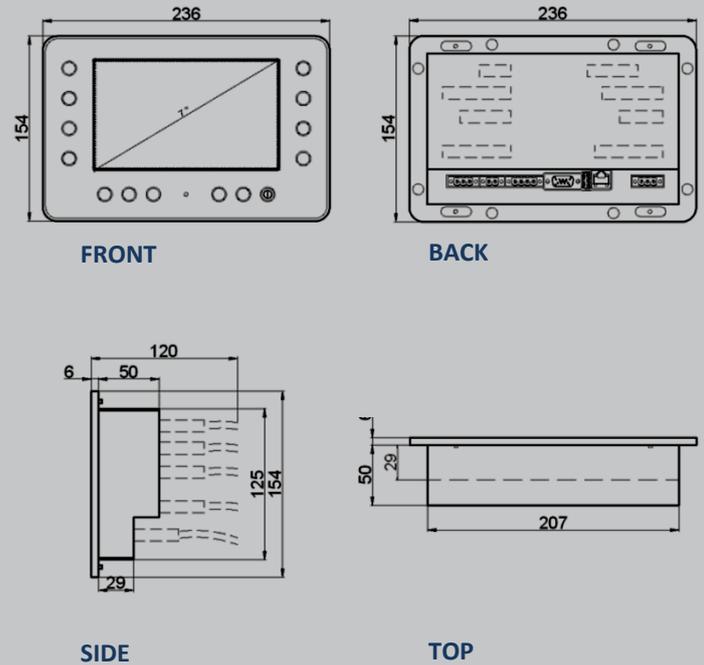## Inputs

- NMEA 0183 in
- Input for Ethernet

Declaration of conformity

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

Scope of supply

- Display unit TITAN-1100
- The TITAN-1100 Manual
- Connectors for power supply and NMEA

Dimensions in mm:

FRONT

BACK

SIDE

TOP

Product is subject to change without notice.