



ELEKTRO DENİZ

Navigation & Communication Solutions

ADVANCED NAVIGATION SOLUTIONS



EDEL-EMES60 -SL

Electromagnetic Speed Log

Introduction

ELEKTRO DENİZ, founded in 1975 in Tophane, Istanbul, is a well- established company operating in sales, production ,service and new-building projects within the field of marine navigation and communication electronics.

As the official distributor of many globally recognized brands, we have successfully completed numerous commercial and military projects both in Turkiye and abroad.

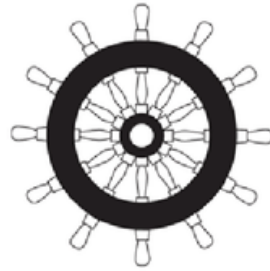
ELEKTRO DENİZ is ISO 9001:2015 , ISO 14001 :2015, ISO IEC 27001:2022 , ISO 45001:2018 certified.

All EDEL-EMES60 navigational product range are IMO Wheelmarked.

Product Certificates;

MED-B

MED-D



EDEL-EMES60 -SL Electromagnetic Speed Log

The ELEKTRO DENIZ EDEL-EMES60-SL Electro Magnetic Dual AXIS Speed log solution ensures high reliability and low costs as there is only one sensor with gate valve. Furthermore, using latest state technology enables speed detection of vessel.



Features and Benefits

One sensor for Electro Magnetic Dual Axis Speed log

STW (speed through water)

Sea Valve Installation

Color 7" touch screen Displays

Speed range -5 to +40 knots

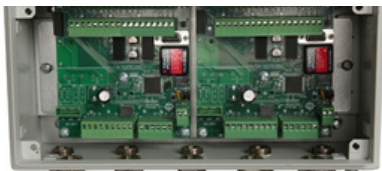
EDEL-EMES60-SL Speed Log Specifications



- Resolution
- Operator interface
- Communication line
- Day/Night modes
- Software upgrade means
- Supported languages
- Calendar, clock
- Environmental
- Cutout dimensions
- Operating T°
- Weight
- Compass safe distance

Display Unit

- 800x480, 7" WVGA
- Touch screen, tap & swipe operation
- RS422, Optional RS232
- Full range of backlight adjustment day/night color themes selection.
- USB line, USB flash device, Ethernet
- English, Norwegian, German, French, Spanish, Russian, Chinese
- Real time clock support or GPS time reference.
- IP68, front panel only
- 137x185mm, depth 36mm
- 15 - +55° C (storage -20 -+60°C)
- 0.7kg
- Standard : 65 cm, Steering 40cm



- External communication line
- Analog
- Alarm relays
- General purpose Input
- General purpose Output
- Software upgrade means
- Environmental
- Operating T°
- Dimensions, mm
- Weight

Interface Unit

- NMEA0183 rev4, /IEC 61162-1/ 3inputs/3 outputs,
- 1 output, 10Vpp or 4-20mA, fully programmable
- 2 Mechanical relays, one dedicated system power failure alarm
- 2 digital inputs (for synchronization, slave mode), fully programmable
- 2 optocoupler outputs, fully programmable
- USB line, USB flash device, Ethernet
- IP55
- 15-+60°
- 150x300x120
- 4kg



- Cable length
- Communication link
- Environmental
- Operating T°
- Sensor Dimensions
- Weight (with cable)

Sensor with Cable

- 40m (optional 40m)
- IEC 61162-1/2
- IP68, 6 bar continuous immersion in water
- 5-+60°
- H = 124mm, D = 60.2mm
- 7kg



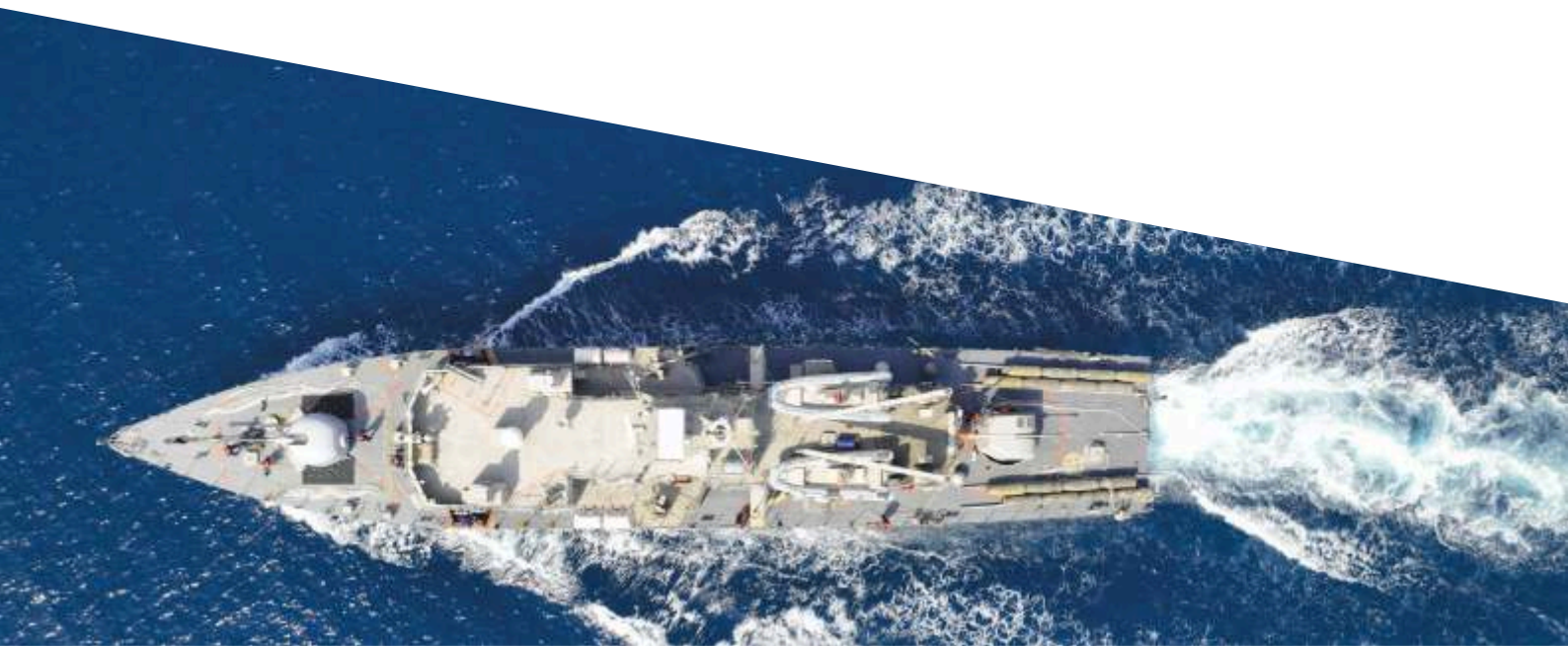
- Hull type
- Body material
- Pressure rating
- Operating T°
- Weight

Hull fitting unit (ball valve)

- Single and double
- Stainless steel
- 10 bar
- 5-+60°
- 18kg

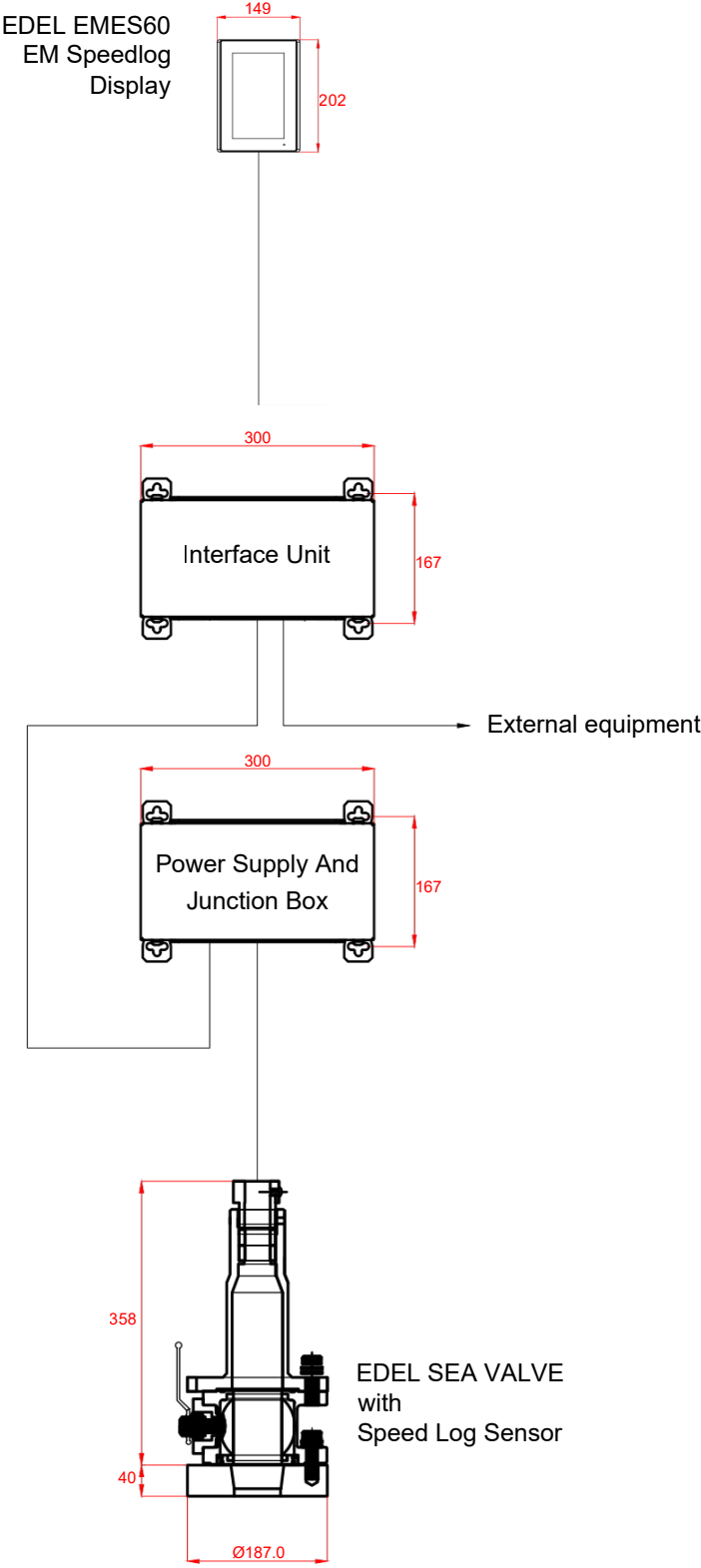
EDEL-EMES60-SL Speed Log Specifications

	Performance Speedlog
Accuracy	0.1kn or 1% of speed, whatever is greater
Resolution digital out	0.01knots
Resolution screen presentation	0.1knots
Range of measured values	+/- 60 knots on all axis, depending on the hull installation conditions
Temperature Accuracy	Temperature sensor accurate to 1° C
Range	-5 /+40 knots, +/-5 knots
Presentation units	knots, mi/h
Alarms and limits	Low and high speed limits



EDEL-EMES60-SL Electromagnetic Speed Log

Structure





- COMPANIES WE REPRESENT -



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