

Dual Echo sounder and speed log system. IMO wheelmarked

- Only one hull penetration, Dual speed log/Echo sounder sensor.
- Small overall diameter of the sensor. 60mm diameter sensor fits into SB-60-SA/DB-60-SA sea valves.

Performance

	Echo sounder	Speed log
Operating principle	120kHz Navigational Narrow band echo sounder	2 axis Electromagnetic log. Speed through water STW
Accuracy	0.05m or 0.5% of depth, whatever is greater	0.1kn or 1% of speed, whatever is greater
Resolution digital out	0.01m	0.01knots
Resolution Screen presentation	depth <100m: 0.1m depth >100m: 1m	0.1knots
Range of measured values	1.5m to 350m	+/- 40 knots on all axis
Display range	0-10m to 0-500m, auto	-5 /+40 knots, +/-5 knots
Presentation units	meters, feet, fathoms	knots, mi/h
Alarms	Shallow and deep alarms	Low and high speed alerts

Display units

Screen	7" Touch display 800x480, tap & swipe operation
Supported languages	English, Norwegian, German, French, Spanish, Russian, Chinese
Cutout dimensions	137x185mm, depth 36mm
Operating T	-5-+60°
Weight	0.7kg

Interface unit

NMEA	3 x NMEA 0183
Analog output	1 x analog output, 0-10Vpp or 4-20mA, fully programmable
Alarm relays	2 x Mechanical relays, one dedicated system power failure alarm
General purpose Input	2 x digital prorammmable inputs (for synchronization, slave mode)
General purpose Output	2 x optocoupler outputs, fully programmable
Operating power	Echo sounder interface PCB: 21.5V-31V DC Speed log interface PCB: 21.5V-31V DC
Environmental	IP55
Operating T	-15-+60°
Dimensions	200x150x150mm
Weight	4kg

Dual sensor power unit

Operating power	Echo sounder interface PCB: 21.5V-31V DC Speed log interface PCB: 21.5V-31V DC
Environmental	IP55
Operating T	-15-+60°
Dimensions	200x150x150mm
Weight	4kg

Sensor with cable

Cable length	30m
Communication link	IEC 61162-2, IEC 61162-1/2
Environmental	IP68, 6 bar continuous immersion in water
Operating T	-5-+60°
Sensor Dimensions	H = 124mm, D = 60.2mm
Weight (with cable)	7kg

Overview

DISP60_01L-SA
Display unit Speed log

DISP60_01E-SA
Display unit Echo Sounder



INT60_D_01-SA
Dual Interface unit

NMEA External
equipment



SPOW-60_D_01-SA
Dual Sensor power unit



EMES60_SENS-SA
Dual Sensor 60mm dia

