

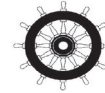


CU-M001-SB Operator Unit for DL2



Navigation speedlog

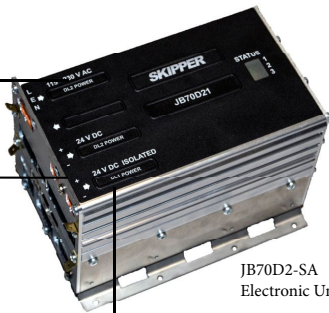
Dual axis STW + SOG



24VDC

LAN cable: CAT6, Max. 100m

115-230VAC / 24VDC



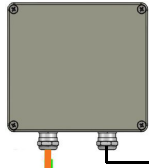
JB70D2-SA Electronic Unit

- Doppler Sensor
- Electronic unit with all required I/O
- Control unit with touch screen.
- IBS ready LAN communication.
- Vessels transversal movement aft. (Docking).

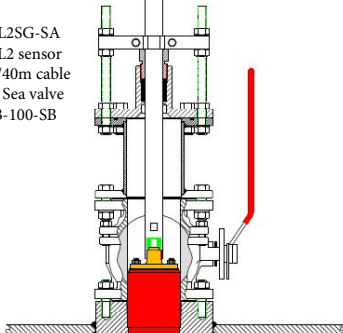
BRIDGE
FORE PEAK

Sensor extension cable.
Yard supply.
3 x twisted shielded pairs
Dimension: see DL2 manual Chapter 3.

JB12-SA
Junction box



DL2SG-SA
DL2 sensor
w/40m cable
in Sea valve
SB-100-SB



The DL2 present the critical parameters on a touch screen and can be interfaced with bridge systems and repeaters. The DL 2 can also present distance traveled, depth and water temperature.

Doppler technology is commonly considered the gold standard of speed measurement as it measures remotely, (away from the effects caused by the vessel itself) and once installed, it operates even with considerable organic growth on the transducer.

The DL 2 can measure the speed of the vessel through the water in depths more than 3m, and Speed over ground in depths from 2m to 150 m. The sensor is mounted in a 100mm Sea Valve or tank.

SKIPPER Electronics manufacture marine electronics for the merchant fleet as well as the fishing fleet, based on experience, research and tradition.

Our products are known worldwide for reliability, sophistication and good value for money.

SKIPPER DL2

Navigational Doppler speedlog SOG + STW



Specifications

| | |
|------------------------|--|
| Operating Frequency | 277 kHz SOG 850-920kHz STW primary STW 264 kHz STW secondary STW |
| Speed range | +/- 50 kn Longitudal and transversal |
| Bottom track | Avilable from 2m to 150 m depth |
| Water track | 0,5m-3m. Minimum depth 3m. |
| Accuracy (better than) | 0.2 knots or 2% |
| Temperature accuracy | <1 °C |

| | |
|----------------------|--|
| Control display unit | CU-M001-SB 9" Touch display Flush mount. 240*155mm. Ethernet IP20 Optional IP22 version CU-M001-IP22-SB |
|----------------------|--|

| | |
|------------------------|--|
| Electronic unit | JB70D2-SA Dimensions: 115*115*180mm IP20 Optional IP22 version JB70D2-IP22-SA |
| Com. with control unit | LAN |
| NMEA output | VBW, VLW, MTW, VHW, XDR, ALR, ALF, ALC, HBT, DPT, THS, HDT |
| NMEA input | ACK, ACN, DDC, VTG, ZDA, GGA ROT, PSKPRSTT (Trip reset) |
| AUX output | Pulse 200p/nm Speed limit high/low Speed Alarm Power failure alarm |
| Alert | Speed alert, Power failure alert |
| Power supply | AC 115 - 230 V 50/60 Hz, and/or DC 24 V. Max 60W |

| | |
|------------|---|
| Sensor | DL2SG-SA. 40m cable 11mm dia 100mm dia IPX7 |
| Sea Valves | SB-100-XX Single bottom DB-100-XX Double bottom ETNSLB retrofit |

| | |
|----------------|--|
| Accessories | IR300 Speed (with aft speed), CD401MR-SB Multirepeater. Dimming Control, |
| Classification | IMO |

Overview

CU-M001-SB Operator Unit for DL2



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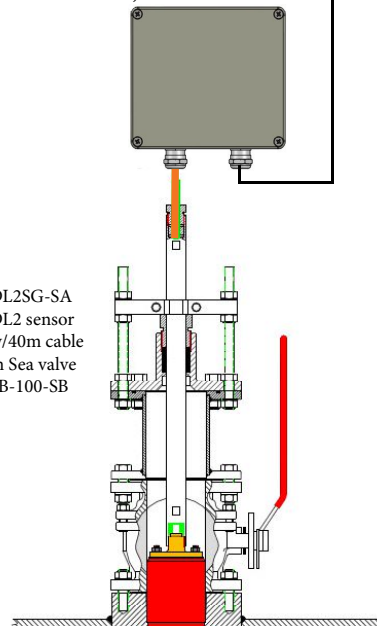
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SKIPPER Electronics AS
Enebakkveien 150
P. O. Box 151, Manglerud

0612 Oslo
Norway

E-mail: sales@skipper.no
Telephone: +47 23 30 22 70
Co. reg. no: NO-965378847 -MVA
www.skipper.no

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