

EML1100 / EML1200

Electromagnetic Speed Log 



- Speed through water in 1 or 2 axis
- Water temperature
- 3 easy to use, user programmable screens, integrated menus
- Fully automatic settings
- Openbridge Web interface

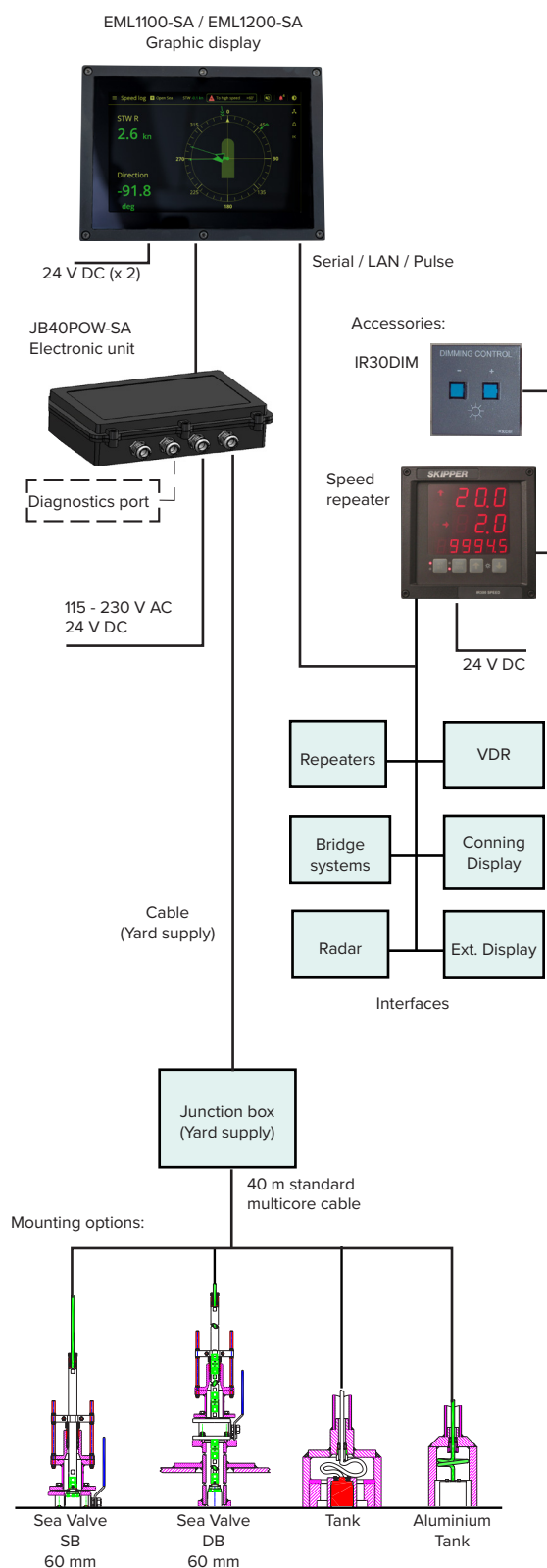
SKIPPER EML1100 / EML1200

The SKIPPER EML1100 / EML1200 is a single or dual axis STW speed log, working on the electromagnetic principle, providing longitudinal and transversal ship's speed relative to sea water. The EML gives accurate navigation parameters, measured as they happen, and presented in a logical, user friendly way.

Technical specifications

PARAMETER	SY-EML1100-XX	SY-EML-1200-XX
	Single Axis	Dual Axis
Number of axis	1	2
Speed range Long	±40 knots	±40 knots
Speed range Trans	±40 knots	na
Water track (from)	0 meters	0 meters
Speed/distance accuracy	< 0.2 knots or 2%. Whatever is greater	< 0.2 knots or 2%. Whatever is greater
Temperature accuracy	< 1 °C	< 1 °C
Mounting dimensions	290 x 210 mm Panel mounting	
Depth	59 mm	
Weight cabinet	1 kg	
Mounting		
<i>Gate valve</i>		
Single bottom	Yes	Yes
Double bottom	Yes	Yes
<i>Tank</i>		
Steel	Yes	Yes
Aluminium	Yes	Yes
Outputs	2 x IEC 61162-1 1 x pulse out (optocoupler), 1 x relay	
Inputs	2 NMEA 0183 (opto isolated). External dimming (pulse and NMEA).	
LAN	2 independant ports IEC 61162-450	
NMEA Outputs		
Speed	VBW, VHW	
Distance	VLW	
Others	MTW (temp), ALF	
Power supply	DC: 24 V	
Power consumption	Max. 30 W	
Display (EML1100-SA / EML1200-SA)	10.1" capacitive touch, 1024 x 800	
Languages	English	
Accessories	JB40POW-SA Buffer/power unit, IR300 Speed repeater, CD401MR Multi repeater, IR31DIM-SA Dimming control	

System overview



Classification:

IMO

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