

Product Datasheet

EML224SG-SD and EML224SG-LD
LOG SENSOR FOR SB/DB GATE VALVE



1* or 2 axis electromagnetic Speed Sensor with additional water temperature sensor. Measures speed through water (STW) in longitudinal and transversal* axis.
EML224SG-SD and EML224-LD mounting can be installed in the 60mm SB/DB Seavalue series.

Main Functions:

Speed through water (STW)
Water Temperature
Distance through water
2 NMEA outputs
1 NMEA input
Nominal 24V power

Applications:

EML sensor to provide a speed in one* or two axis for speed through water.

Usage:

To be used with EM speed log system.

*Single Axis version of displays does not have transversal values.

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Specifications

	Part number	Description
Part number	EML224SG-SD EML224SG-LD	LOG SENSOR FOR SB/DB GATE VALVE COMPLETE EML, 40mtr SKIPPER LOG SENSOR FOR SB/DB GATE VALVE COMPLETE EML, 40mtr Wärtsilä
To be used with following Speed log systems	EML1200 EML1100 EML224N CD401xx-xx SAM4642	EML1200 Graphic display 2-axis EML1100 Graphic display 1-axis EML224N Graphic display EML224 Compact Wärtsilä SAM EM-Log
The Sensor contains	DB-1023 EML224S ZOA-01018 ZOA-01150	Sea Valve 60 mm, Sensor Adapter, for XB-60-XA SENSOR MOULDED EML224-Ungrounded, 40 m cable. No adaptor. Spring washer stainless M5 DIN 127B A4 Allen Screw M5x18 DIN912 A4 70
Accuracy		0.2 kn or 2 % whichever is greater
Speed Resolution		0.01kn
Max speed		+/- 40kn
Temperature range		-5 to +55 deg
Temperature accuracy		1 deg
Temperature resolution		0.1 deg
IP rating		IP 68
Depth rating		6 bar
Operating temperature		-15 to +55 deg
Outputs		2 x NMEA (Proprietary formats)
Input		1 x NMEA (Proprietary formats)
Power input		Nom. 24V (15V to 32V) 8W
Manufacturer		Jotron SKIPPER AS, Norway
Weight		6.9 kg

