

# Product Datasheet

**SKIPPER**

**DL1ST-XX LOG SENSOR FOR TANK  
DOPPLER, 40 m**

**Art.  
No. DL1ST-XX**

**Log Sensor**

**DL1-family**



**1 axis Doppler Speed Sensor with additional water temperature sensor. Measures Speed Through Water (STW) in the longitudinal axis.  
This mounting can be used in the ETNSTC tank series.**

#### **Main Functions:**

**Speed Through Water (STW)  
Water Temperature  
1 Propriety output  
1 Propriety input  
Nominal 24V power**

#### **Applications:**

DL1 sensor to provides raw data for calculation of the speed through water longitudinal axis.

#### **Usage:**

To be used with SKIPPER DL1 and DL1-Multi systems.

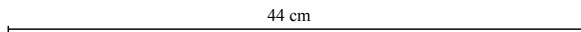
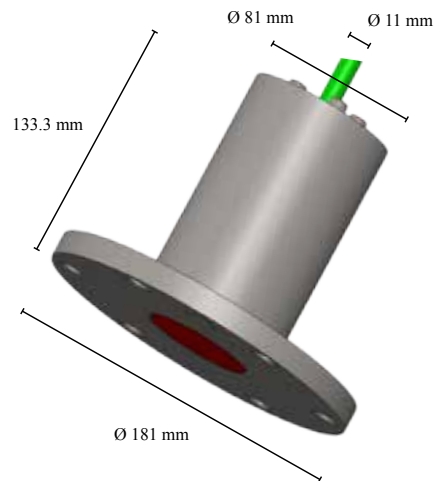
SKIPPER Electronics manufacture marine electronics for the merchant fleet as well as the fishing fleet, based on experience, research and tradition. Our products are known worldwide for reliability, sophistication and good value for money.

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DOPPLER, 40 m**

## Specifications

	Part number	Description
<b>Part number</b>	DL1ST-XX	Log sensor for Tank Doppler, 40 m
<b>To be used with</b>	DL1 DL1-Multi	
<b>The Sensor contains the following main parts</b>	TC-2009 DL1S-540-ZA	Tank adaptor for sensor EML224ST-XD Doppler sensor moulded 40 m cable
<b>Accuracy</b>		0.2 kn or 2 % whichever is greater
<b>Speed Resolution</b>		0.01 kn
<b>Max speed</b>		+/- 50 kn
<b>Temperature accuracy</b>		1 deg
<b>Temperature resolution</b>		0.1 deg
<b>IP rating</b>		IP 68
<b>Depth rating</b>		6 bar
<b>Operating temperature</b>		-15 to +55 deg
<b>Outputs</b>		1 NMEA (Proprietary formats)
<b>Input</b>		1 NMEA (Proprietary formats)
<b>Power input</b>		Nom. 24V (18V to 32V) 8W
<b>Weight</b>		9 kg
<b>Manufacturer</b>		SKIPPER Electronics AS, Norway



Height: 32 cm  
Diameter of cable 11 mm

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