

Product Datasheet

DL21SG-SA Log sensor DL21

For 100mm Sea valve SB-100-XX/DB100-XX

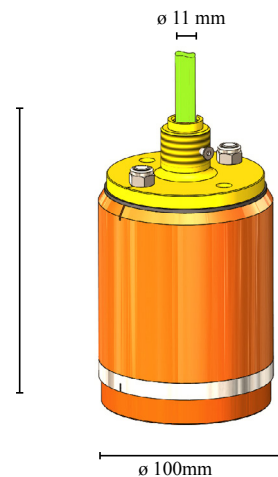
Specifications

Part number	Part number	Description/units
Part number	DL21SG-SA	<ul style="list-style-type: none"> Log sensor DL21 SKIPPER for 100mm Sea Valve 1 Doppler sensor 1-axis STW 1 Doppler sensor 2-axis STW+SOG The 2 sensors mounted in one bottom mounting works independantly and are electrically isolated Designed for ships over 50.000 GRT with simultaneous and independent measurement of speed through water (STW) and speed over ground (SOG)
To be installed into	SB-100-XX DB-100-XX	Sea Valve 100 mm , Single Bottom SST Sea Valve 100 mm, Double Bottom SST
To be used with	JB70D21-XX	Electronic unit
Acoustic frequency range	270-284 kHz (STW+SOG), 710-720kHz (STW)	
Bottom detection (SOG)	< 200 m	
Cable length	40 m (may be extended or shortened)	
Cable diameter	11 mm +/-0.5	
Cable minimum bending radius	56 mm	
Accuracy	0.2 kn or 2 % whichever is greater	
Speed resolution	0.1 kn	
Max speed	+45 to - 10 kn Longitudal +/- 25knot Transversal	
Temperature accuracy	1 deg	
Temperature resolution	0.1 deg	
IP rating	IP 68	
Operating temperature	-15 to 55°C	
Storage temperature	-20 to 70°C	
Depth rating	6 bar	
Outputs	2 x NMEA (proprietary formats) RS422	
Input	2 x NMEA (proprietary formats) RS422	
Power input	2 x Nom. 24 V (18 V to 32 V) 16 W	
Weight	10.2 kg	
Manufacturer	SKIPPER Electronics AS, Norway	



45cm * 44cm * 32 cm
10.2kg

137mm



SKIPPER

SKIPPER Electronics AS
Enebakkveien 150
P.O.Box 151, Manglerud
www.skipper.no
Date: 2015-02-23