

# Product Datasheet

## JB70D21-SA Electronic unit for SKIPPER Doppler Speed Log DL21

### Specifications

	Part number	Description
<b>Part number</b>	JB70D21-SA	Electronic Unit for DL21
<b>Control units</b>	CD402CU-XX CU-M001-XX	Control Unit Compact with LAN Control Unit 9" Touch display
<b>Sensors</b>	DL21SXX or DL2SXX +DL1SXX	Dual 1 axis STW and 2-axis STW+SOG or 2-axis (STW+SOG) + 1-axis STW
<b>Package consist of</b>	JB70D21-SA M-KIT-JB70XX	Electronic Unit for DL21 Mounting Kit for JB70
<b>PCBs inside Electronic unit</b>	PP-M001 PI-M001 PC-M001	Multi Power, PCBM I/O Multi extension, PCBM Multi Main Processor, PCBM
<b>PP-M001 Power</b>	115-230 VAC /24VDC Max 60W (For DL2) typ. 15W 24VDC Max 20W (For DL1) typ. 10W	Dual Isolated power supply.
<b>PI-M001 Interfaces for DL1</b>	NMEA 0183, IEC61162-1, 2 output, 1 input Auxiliary x 2 output, 1 input alarm relay x 1 IEC 61162-450 fully implemented web page setup	NMEA outputs can be used for IEC61162-2 Auxiliary can be designated to alarm, pulse, spd warning relay designated to function and/or powerfailure alarm  configurable web pages for setup and runtime functions
<b>PI-M001 Switchable interfaces</b>	NMEA out 0183, IEC 61162-1, 2 output analogue 1 x 0-10V, 1x 4-20mA Auxiliary: 1 x output , 1 x input	Programmable outputs for DL2 or DL1 by switch CN1
<b>PC-M001 Interfaces for DL2</b>	NMEA 0183, IEC61162-1, 2 output, 1 input Auxiliary x 2 output, 1 input Alarm relay x 1 Analog output IEC 61162-450 fully implemented web page setup	NMEA outputs can be used for IEC61162-2 Auxiliary can be designated to alarm, pulse, spd warning relay designated to function and/or powerfailure alarm 0-10V, 4-20mA (DL21 configurable, DL2 option)  configurable web pages for setup and runtime functions
<b>IP rating</b>		IP 22 (when mounted with PCBs vertical)
<b>Weight</b>		1.5 kg
<b>Packaging dimensions / weight</b>		30.5x21.5x21cm / 2 kg
<b>Manufacturer</b>		SKIPPER Electronics AS, Norway

