
PRESSURE RATING CERTIFICATE

We,

Water Linked AS
Stiklestadveien 1
N-7041 Trondheim, NORWAY
<https://waterlinked.com>

hereby declare that the product:

Part Number : WL-21037-1
Product Name : DVL-A125
Serial Number : _____

has completed the following pressure exposure scheme:

1 hour at rating +10% (330 Bar)
5x cycles between 1 and 330 Bar, cycle speed ~10 Bar/sec
(see next page for pressure test log)

Product Description:

Doppler Velocity Log (DVL) for measuring velocity relative to the sea bottom by sending and receiving acoustic waves. Intended for ROV/AUV positioning and control.

Trondheim, _____

Andreas Tesaker
Test Engineer

Initial pressure ramp up					
Pressure:	Time to reach pressure:	Time at pressure:	Operational:	Velocity Reading:	Signal Offset:
1 Bar			PASS	PASS	
50 Bar	10 sec	1 min	PASS	PASS	+ ._. dB
100 Bar	10 sec	1 min	PASS	PASS	+ ._. dB
150 Bar	10 sec	1 min	PASS	PASS	+ ._. dB
200 Bar	10 sec	1 min	PASS	PASS	+ ._. dB
250 Bar	10 sec	1 min	PASS	PASS	+ ._. dB
300 Bar	10 sec	1 min	PASS	PASS	+ ._. dB
330 Bar	10 sec	1 hour	PASS	PASS	+ ._. dB

Pressure cycle tests					
Pressure:	Time to reach pressure:	Time at pressure:	Operational:	Velocity Reading:	Signal Offset:
1 Bar			PASS	PASS	
330 Bar	30 sec	1 min	PASS	PASS	+ ._. dB
1 Bar	30 sec	1 min	PASS	PASS	+ ._. dB
330 Bar	30 sec	1 min	PASS	PASS	+ ._. dB
1 Bar	30 sec	1 min	PASS	PASS	+ ._. dB
330 Bar	30 sec	1 min	PASS	PASS	+ ._. dB
1 Bar	30 sec	1 min	PASS	PASS	+ ._. dB
330 Bar	30 sec	1 min	PASS	PASS	+ ._. dB
1 Bar	30 sec	1 min	PASS	PASS	+ ._. dB
330 Bar	30 sec	1 min	PASS	PASS	+ ._. dB
1 Bar	30 sec	1 min	PASS	PASS	+ ._. dB