

PRESSURE RATING CERTIFICATE

We,

Water Linked AS
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hereby declare that the product:

Part Number : WL-21035-3
Product Name : DVL A50
Depth Rating : 300m

has been subjected to the following product pressure design qualification:

10x cycles between 5 and 33 Bar
Cycle up speed ~50 Bar/min
Cycle down speed ~-30 Bar/min
33 Bar pressure hold for 5 minutes
(see next page for pressure test log)

References:

QA Reference : HTS690-39
Pass or Fail : PASS
Test Date : December 15th 2021

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.



Scott McLay
CCO



Target Pressure	Measured Pressure	Target Duration (DD:HH:MM:SS)	Measured Duration (DD:HH:MM:SS)
50 bar/min	47.41 bar/min	00:00:00:39	00:00:00:38
33 bar	32.58 bar	00:00:05:00	00:00:05:00
-35 bar/min	-34.07 bar/min	00:00:00:48	00:00:00:48
5 bar	5.66 bar	00:00:01:00	00:00:01:00
50 bar/min	47.71 bar/min	00:00:00:33	00:00:00:34
33 bar	32.40 bar	00:00:05:00	00:00:05:00
-35 bar/min	-34.38 bar/min	00:00:00:48	00:00:00:48
5 bar	5.49 bar	00:00:01:00	00:00:01:00
50 bar/min	48.05 bar/min	00:00:00:33	00:00:00:34
33 bar	32.65 bar	00:00:05:00	00:00:05:00
-35 bar/min	-34.31 bar/min	00:00:00:48	00:00:00:48
5 bar	5.66 bar	00:00:01:00	00:00:01:00
50 bar/min	47.62 bar/min	00:00:00:33	00:00:00:34
33 bar	32.46 bar	00:00:05:00	00:00:05:00
-35 bar/min	-34.16 bar/min	00:00:00:48	00:00:00:48
5 bar	5.66 bar	00:00:01:00	00:00:01:00
50 bar/min	47.56 bar/min	00:00:00:33	00:00:00:34
33 bar	32.35 bar	00:00:05:00	00:00:05:00
-35 bar/min	-34.27 bar/min	00:00:00:48	00:00:00:48
5 bar	5.54 bar	00:00:01:00	00:00:01:00
50 bar/min	48.17 bar/min	00:00:00:33	00:00:00:34
33 bar	32.79 bar	00:00:05:00	00:00:05:00
-35 bar/min	-34.55 bar/min	00:00:00:48	00:00:00:48
5 bar	5.51 bar	00:00:01:00	00:00:01:00
50 bar/min	47.83 bar/min	00:00:00:33	00:00:00:34
33 bar	32.49 bar	00:00:05:00	00:00:05:00
-35 bar/min	-34.05 bar/min	00:00:00:48	00:00:00:48
5 bar	5.78 bar	00:00:01:00	00:00:01:00
50 bar/min	47.10 bar/min	00:00:00:33	00:00:00:34
33 bar	32.24 bar	00:00:05:00	00:00:05:00
-35 bar/min	-34.22 bar/min	00:00:00:48	00:00:00:48
5 bar	5.78 bar	00:00:01:00	00:00:01:00
50 bar/min	48.17 bar/min	00:00:00:33	00:00:00:34
33 bar	32.69 bar	00:00:05:00	00:00:05:00
-35 bar/min	-34.44 bar/min	00:00:00:48	00:00:00:48
5 bar	5.54 bar	00:00:01:00	00:00:01:00
50 bar/min	48.05 bar/min	00:00:00:33	00:00:00:34
33 bar	32.64 bar	00:00:05:00	00:00:05:00
-35 bar/min	-34.45 bar/min	00:00:00:48	00:00:00:48
5 bar	5.62 bar	00:00:01:00	00:00:01:00

