
PRESSURE RATING CERTIFICATE

We,

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

hereby declare that the product:

Part Number : WL-21035-3
Product Name : DVL A50
Depth Rating : 600m

has been subjected to the following product pressure design qualification:

10x cycles between 3 and 66 Bar
Cycle up speed ~50 Bar/min
Cycle down speed ~-35 Bar/min
60 Bar pressure hold for 5 minutes
(see next page for pressure test log)

References:

QA Reference : HTS690-312
Pass or Fail : PASS
Test Date : September 29th 2022

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	48.71 bar/min	00:00:01:19	00:00:01:18
66 bar	65.92 bar	00:00:05:00	00:00:05:00
-35 bar/min	-33.56 bar/min	00:00:01:53	00:00:01:53
0 bar	2.76 bar	00:00:01:00	00:00:01:00
50 bar/min	47.60 bar/min	00:00:01:19	00:00:01:19
66 bar	65.45 bar	00:00:05:00	00:00:05:00
-35 bar/min	-33.83 bar/min	00:00:01:53	00:00:01:53
0 bar	2.82 bar	00:00:01:00	00:00:01:00
50 bar/min	48.05 bar/min	00:00:01:19	00:00:01:19
66 bar	66.01 bar	00:00:05:00	00:00:05:00
-35 bar/min	-33.58 bar/min	00:00:01:53	00:00:01:53
0 bar	2.73 bar	00:00:01:00	00:00:01:00
50 bar/min	47.93 bar/min	00:00:01:19	00:00:01:19
66 bar	65.87 bar	00:00:05:00	00:00:05:00
-35 bar/min	-33.65 bar/min	00:00:01:53	00:00:01:53
0 bar	2.76 bar	00:00:01:00	00:00:01:00
50 bar/min	48.11 bar/min	00:00:01:19	00:00:01:19
66 bar	66.09 bar	00:00:05:00	00:00:05:00
-35 bar/min	-33.82 bar/min	00:00:01:53	00:00:01:53
0 bar	2.84 bar	00:00:01:00	00:00:01:00
50 bar/min	47.98 bar/min	00:00:01:19	00:00:01:19
66 bar	65.97 bar	00:00:05:00	00:00:05:00
-35 bar/min	-33.75 bar/min	00:00:01:53	00:00:01:53
0 bar	2.70 bar	00:00:01:00	00:00:01:00
50 bar/min	47.80 bar/min	00:00:01:19	00:00:01:19
66 bar	65.61 bar	00:00:05:00	00:00:05:00
-35 bar/min	-33.87 bar/min	00:00:01:53	00:00:01:53
0 bar	2.78 bar	00:00:01:00	00:00:01:00
50 bar/min	47.80 bar/min	00:00:01:19	00:00:01:19
66 bar	65.70 bar	00:00:05:00	00:00:05:00
-35 bar/min	-33.71 bar/min	00:00:01:53	00:00:01:53
0 bar	2.79 bar	00:00:01:00	00:00:01:00
50 bar/min	47.68 bar/min	00:00:01:19	00:00:01:19
66 bar	65.52 bar	00:00:05:00	00:00:05:00
-35 bar/min	-33.81 bar/min	00:00:01:53	00:00:01:53
0 bar	2.72 bar	00:00:01:00	00:00:01:00
50 bar/min	47.84 bar/min	00:00:01:19	00:00:01:19
66 bar	65.72 bar	00:00:05:00	00:00:05:00
-35 bar/min	-33.68 bar/min	00:00:01:53	00:00:01:53
0 bar	2.79 bar	00:00:00:00	00:00:00:05