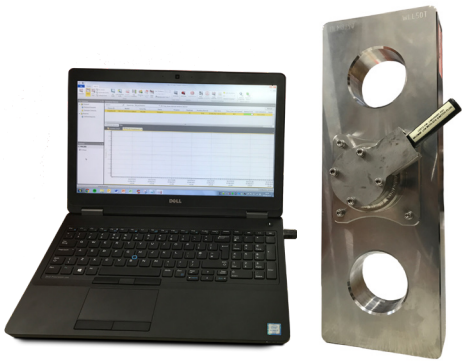
Subsea Data logging Tensile Link
SUBD- 3.0

The Subsea Data logging Tensile Link is a robust Tensile Link used for measuring loads on subsea mooring lines, underwater deployments and other similar applications. The instrument measures and records the applied load using an internal data logger which was developed by DLM Design Engineers.

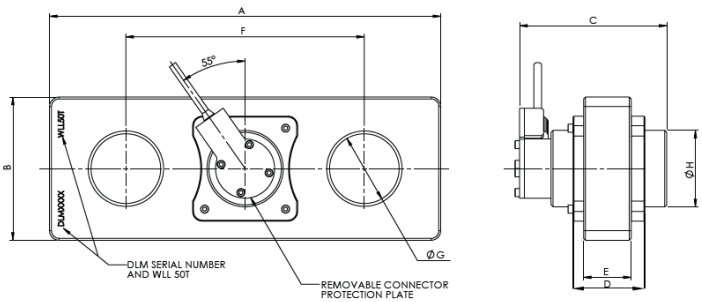


The internal data logger inside the tensile link is self-powered and enables load readings to be recorded at a maximum rate of 800Hz for periods of up to 15 years depending on the sample rate. Data logs can be accessed by using the supplied subsea cable which is connected to the subsea connector mounted to the side of the load cell in a protective shroud. Stored as .CSV file format the logs are easily accessible using already existing PC software like Microsoft Excel, enabling easy data processing after demobbing.

Features:

- Self-powered internal data logger
- Capable of recording up to 2 million load readings
- PC interface to download data in .CSV format

Dimensional Data



Load Capacity (Tonnes)	Part Number	A	B	C	D	E	F	ØG	H	Accuracy (% FRO)	Proof Test (% Load Capacity)	Resolution (Kg)
1	0001-1376	260	110	154	75	25	180	29	80	±0.2	200	1
2	0001-1377	260	110	154	75	25	180	29	80	±0.2	200	1
5	0001-1378	260	110	154	75	25	180	29	80	±0.2	200	2
12	0001-1379	300	110	154	75	40	200	38	80	±0.2	200	5
20	0001-1380	380	130	154	75	50	250	53	80	±0.2	200	10
25	0001-1381	390	140	154	75	50	250	53	80	±0.2	200	10
40	0001-1382	410	140	154	75	50	250	73	80	±0.2	150	50
50	0001-1383	410	150	154	75	50	250	73	80	±0.2	150	50
100	0001-1384	525	180	174	95	70	315	98	80	±0.2	150	100

Specification

Link Material:	17-4PH Stainless steel
Internal data logger:	mV data logger to convert strain bridge output to SI units
Memory space:	16Gb
Sample rate:	800 readings per second up to 1 reading every 24 hours
Data logs:	Stored internally as CSV files.
Connector:	Subsea MCBH8-MP-SS connector
Sealing:	Piston and face o-ring sealed
Operating Temperature:	-40 to +80C
Display Unit:	Internal data logger which connects to PC to display data after use.
Cable:	Cable not required for operation. Supplied with 4.5m MCBH to USB cable for downloading log data to PC.
Calibration:	Supplied with calibration, proof load and test certificates to traceable to UKCA BS EN ISO 7500-1 2018
Packaging:	Packaged in custom built wooden case