



"TESTING QUALITY"

Accuway Load Cell

Accurate and reliable tensile load monitoring for lifting applications



Suitable for all industry sectors including Marine, Offshore and Subsea

Due to the robust, lightweight high tensile aluminium design, these load links are ideal for mobile applications and are available as either cabled or wireless with a range of options

Retro-fit load monitoring to existing applications where shackles are already available and fits all major shackle manufacturers including Van Beest, Crosby and GN Rope

Displays & Portable Case

Rugged case design with foam compartments to firmly hold the load link, telemetry display and spare set of batteries. It can also accommodate connecting cable for wired units and matched set of shackles

- Lockable case
- Available for 6.5 Tonne to 100 Tonne load link sizes



Wireless & Internal Antenna



ATEX Version



Matched Telemetry Displays



Data Logging Software Available

Load Cell Data Logging

LOG100 Advanced data logging software provides real time monitoring of up to 100 load cell devices simultaneously

Quick and easy access to your data remotely from a computer, tablet & smartphone via web browser

Export data in standard, ISON or CSV formats with customisable reporting to suit your needs

Why Choose Accuway?

With over more than 30 years' experience in Load Cell Load Monitoring, AJT has a proven track record of developing a range of products and services tailored around customers' needs

AJT continues to build the business providing a repair and calibration service specifically created to support customers who need a rapid turn-around when conditions are critical

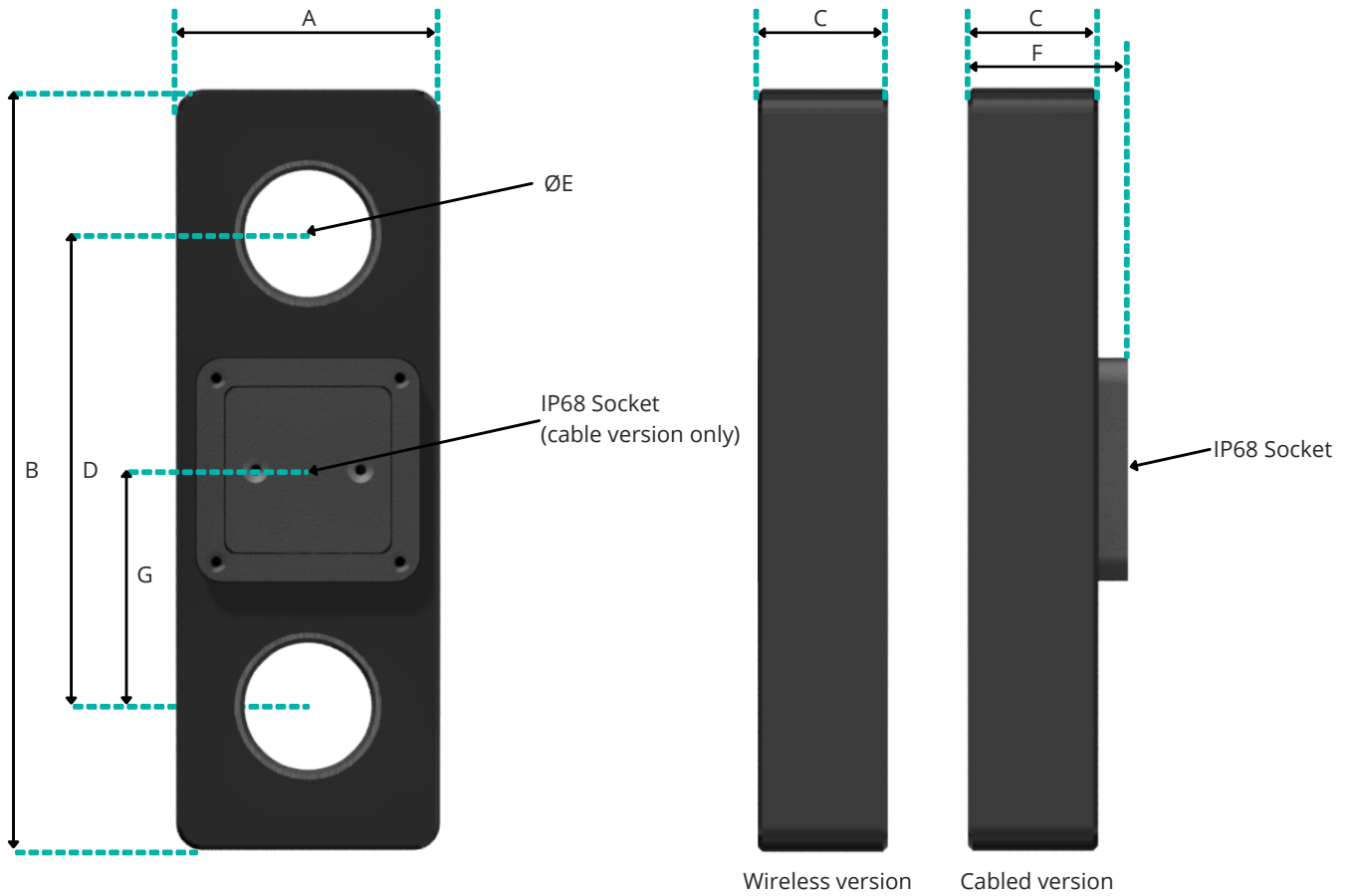
For Sales, Repair and Calibration contact us today

- Load link designs from 6.5 Tonne to 500 Tonne as standard (other capabilities on request)
- Designed to be rigged and operational with a Working Load Link (WLL) of the same capacity
- Safety factor of 5:1
- Accuracy <0.5% of applied load
- ATEX versions available for Zones 0-1-2
- Subsea variants available on request
- Every unit load test and certified



Fast Battery Replacement

The removable battery access panel on the rear of the load link allows a quick change of battery when required



Capacity (Te)	6.5	13.5	25	35	55	85	100	150	200	250	300	400	500	
Dimensions (mm)	A	84	143	143	157	183	198	220	272	331	395	432	490	540
	B	238	292	382	436	470	518	590	695	769	879	977	1037	1137
	C	32	45	62	70	85	104	124	136	150	177	182	198	198
	D	162	182	236	256	286	310	350	395	419	469	517	547	607
	E	27	40	55	61	75	86	100	118	135	145	158	180	190
	F	50	63	80	88	93	122	142	168	173	195	200	200	243
	G	81	91	119	128	143	155	175	197.5	209.5	234.5	258.5	273.5	303.5
Fits Shackle (Te)	6.5	13.5	25	35	55	85	120	150	200	250	300	400	500	
Weight (kg)	1.5	6	8	12	15	23	37	63	93	135	186	228	322	
Suggested Safety Bow Shackles														
Van Beest	G4163						P6036							
GN Rope	H9						H10							
Crosby	G2130 to G2140													

Specifications		
Overload Tested (Proof Load)	150% rated load	
Minimum Breaking Load (MBL)	6.5Te to 400Te	500% rated load
	500Te	450% rated load
Dead Load Offset	+/- 0.1mV	
Accuracy	< 0.5% of applied load	
Repeatability	< +/- 0.1% of applied load	
Hysteresis up to FS	Minimal	
Operating Temperature	-20°C to +70°C	
Environmental Rating	IP67	
Range	100mm+	
Transmit Rate	900ms (standard)	
Antenna (Wireless Version)	Internal	
Radio (Wireless Version)	2.4Ghz; worldwide licence free	
Cabled Version Output Signals	Analogue	4-20mA in 2 or 3 wire output with 10-30VDC supply 0-5VDC or 0-10VDC 3-wire output with 10-30VDC supply
	Digital	RS232 with a protocol of your choice with 5-20VDC supply RS485 with a protocol of your choice with 5-20VDC supply
Cable Version Connection Type	Load link with plug-in socket and 15m, 4-core screened PUR cable with matched plug-in connector fitted. Other types on request	
Battery Type / Lifespan	Load Cells	Batteries: 2 x AAA 1.5V for 5Te load link @ 500+ hours (continuous) Batteries: 2 x C 1.5V for 13.5Te to 500Te load link @ 2000+ hours (continuous) Provides 1 year of use based on 8 hour days. Reducing the requirement to change batteries between calibrations
	Display	2 x AA1.5V batteries @ 40 hours (continuous)
Calibration	12 months (calibration service available)	
Material	Lightweight, high tensile grade aluminium	
Finish	Hard anodised for marine environments	
Traceability and Safety Compliance	BS EN ISO 7500-1:2004, BS 8422:2003, Loler statutory instrument 1998, No. 2307, Machinery directive 2006/42/EC (SI 2008/1597)	
Shackle Compatibility (include):		
Van Beest	G-4163, P6036 safety bow	
GN Rope	H9 & H10 safety bow	
Crosby	G2130, G2140	
ATEX Option - Zone 2 & Zone 1	Standard options (wireless and cabled)	
ATEX Option - Zone 0	Stainless steel construction, cabled options - contact AJT for more details	



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