

## MODEL WTSTL WIRELESS STAINLESS STEEL TENSION LINK LOAD CELL (US & METRIC)

### FEATURES & BENEFITS

- Capacities from 11K lbf to 220.4K lbf (5 mt to 100 mt)
- IP67 Environmental Protection
- Stainless Steel Construction
- Simple installation and operation
- Transmission range up to 600 meters
- Long battery life

### OPTIONS

- Larger capacities or sizes
- Custom designs
- Compatible with Interface WTS Wireless Telemetry Products
- Can be supplied complete with shackles
- Lockable storage case

### TYPICAL APPLICATIONS

- Cable tension monitoring
- Under-hook hoist and crane weighing
- Towing/mooring tension
- Crane safe load monitoring
- Water bag weighing
- Lifting gear testing



WTSTL



Compatible with wireless hand-held WTS-BS

### SPECIFICATIONS

<b>ACCURACY - (MAX ERROR)</b>	
Accuracy - %FS	± 0.15%
Non-repeatability - %FS	± 0.1%
<b>TEMPERATURE</b>	
Compensated Range - °C	-10 to +50
Operating Range - °C	-20 to +55
Zero Temperature Coefficient-% of Rated Load / - °C	±0.01%
Span Temperature Coefficient-% of Rated Load / - °C	±0.01%
<b>ELECTRICAL</b>	
Excitation Voltage - VDC	5
Radio Type / Frequency	2.4GHz; FCC conforming
Transmit Rate - sec (typically)	3
Available Channels	16
Battery Type	2 x AAA Alkaline
Battery Life - hours (typically)	> 300
Transmission Range	Up to 600 meters (clear line of sight)
<b>MECHANICAL</b>	
Standard Calibration	Tension
Safe Overload - %Capacity	200%
Ultimate Overload - %Capacity	500%
Telemetry Housing	Polyamide resin
Load Cell Construction	Stainless Steel
Environmental Rating	IP67

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### DIMENSIONS

MODEL WTSTL WIRELESS TENSION LINK												
Capacity (lbf)	11K		26.5K		55.1K		77.1K		110.2K		220.4K	
Equivalent (mt)	5		12		25		35		50		100	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
<b>A</b>	8.7	220	10.2	260	12.6	320	13.8	350	15.7	400	18.1	460
<b>B</b>	1.3	32.5	1.6	40	2.2	55	2.3	57.5	2.5	62.5	3.6	91
<b>C</b>	6.1	155	7.1	180	8.3	210	9.3	235	10.8	275	10.9	278
<b>D</b>	3.1	78	3.3	85	4.0	102	4.8	122	5.5	140	7.9	200
<b>ØE</b>	1.1	27	1.5	37	2.1	53	2.0	52	2.3	59	3.3	84
<b>F</b>	20 x 45°		20 x 45°		25 x 45°		30 x 45°		35 x 45°		50 x 45°	
<b>G</b>	0.9	22	1.3	32	1.7	43	1.7	42	2.0	50	2.7	68
<b>H</b>	3.2	82	3.6	92	4.1	103	4.0	102	4.3	110	4.7	120
<b>Weight (lb-kg)</b>	6.61, 3		11.02, 5		21.38, 9.7		28.66, 13		44.09, 20		95.90, 43.5	

