

# LoadTroll

Tension Measuring with  
Wireless Communication



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The LoadTroll is a contained load measurement device used to remotely measure tension in a line. The system consists of tension recorders, an internal datalogger, wireless transmitters and long-life battery supply. It can be used for load monitoring on power lines, bridges and other structures sensitive to high loads. The Loadtroll is easy to install and has battery life of ten years. The communication system provides data to a server in near real-time to provide the client with critical data on demand.

## Technical Data

Measuring range	0 - 200 kN
Maximum safe overload	150 %
Ultimate overload	300 %
Resolution	0.125 % FS
Accuracy	3 % FS
Sampling Rate	Standard 4 sec, user defined
Data Output	10 minute average load, std, max and min
Operating temp. range	-40 °C to +50 °C
Battery Life	Up to 10 years
Communication	NB IoT, LTE-M, LTE-4G
Dimensions (L x W x H)	448 x 158 x 169 mm
Weight	14 kg



### FOR MORE INFORMATION, PLEASE CONTACT:

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