Dendrometer MIJ.02 LMS / LMM

# Dendrometer Nondestructive Absolute Linear MIJ-02LMS / LMM

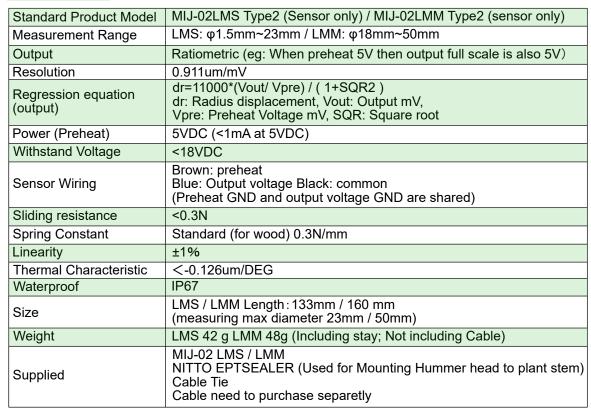
#### Introduction

Photosynthetic rate and water potential, these biological data are hard to measure by using automatic measurement. However, these difficulties can be solved by Dendrometer. Measuring daily changes of trunk or stem caused by construction factors such as photosynthesis, transpiration, and sapflow; and also by hypertrophy factor which occur by the water storage during night time from root to trunk. Measuring annual changes is same as measuring speed of secondary growth and carbon fixation. Also it helps to analyze the data of the mid-term phenomenon that will change weekly from excess water stress.

#### Feature

- Non-destructive
- · High temporal resolution, High resolution, unattended measurement
- **-LMS**: measurement range φ1.5~23mm **LMM**: measurement range φ18~50mm
- Avoid the thermal characteristic of potentiometer by Using ratiometric output
- Minimum friction help to setting low spring constant
- ·IP67

### Specification



## **Compatible logger**



MIJ-12 waterproof (1ch)



MIJ-01 Multichannel (DIFF 8ch SE 16ch)



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