

## Technical Specifications

<b>Power supply</b>	10 ... 30VDC
<b>Power consumption</b>	typ. 0.06W, max. 1.1W (when rain sensor heating is on)
<b>Power loss</b>	max. 1.1W
<b>Interfaces</b>	Loxone Tree: connection with Miniserver / Tree Extension
<b>Ambient temperature</b>	-30 ... 70°C / -22 ... 158°F
<b>Wind detection range</b>	9 ... 145km/h / 5.6 ... 90mph
<b>Brightness detection range</b>	0 ... 188000lx
<b>Temperature detection range</b>	-40 ... 125°C / -40 ... 257°F
<b>Rain sensor</b>	with integrated heating
<b>Safety rating</b>	IP44
<b>Maintenance &amp; Cleaning</b>	This device is free of maintenance and may only be cleaned with a dry cloth.

## Connection

<b>Wire cross-section</b>	0.08 ... 0.32mm <sup>2</sup> / AWG28 ... 22
<b>Stripping length</b>	3.5mm / 0.14"
<b>Temperature resistance</b>	-40 ... 125°C / -40 ... 257°F

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# Weather Station Tree

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V100420

Part No: 100246

## About the product

The Weather Station Tree measures wind, rain, brightness and temperature. You can use this data for a variety of functions throughout your application.

## Features

- Wind sensor
- Wind alarm
- Rain sensor
- Brightness sensor
- Temperature sensor

## Information

Please note that the temperature sensor may not always accurately record the external temperature. This is due to direct sunlight warming the housing, which can influence the temperature reading. Always select an installation place that's suitable for the application.

## Installation

We suggest you install the weather station in a place where wind, rain and brightness can be detected without interference. Install and connect the device as shown, either on a pole or directly on the wall, with the provided accessories. Please note that buildings or objects in close proximity to the Weather Station could cause air turbulence which may influence the accuracy of wind measurements.



For additional information, declaration of conformity, visit [www.loxone.com/help/weather-station-tree](http://www.loxone.com/help/weather-station-tree)

