

Measurement Range

Temperature	-40 ... 125 °C / -40 ... 257 °F
Wind	9 ... 145 km/h / 5.6 ... 90 mph
Brightness	0 ... 188 000 lx
Rain sensor	with integrated heating

Ambient Conditions

Temperature	-30 ... 70 °C / -22 ... 158 °F
Humidity	max. 95 % RH (non-condensing)
Ingress Protection	IP44

24 V DC & Loxone Tree Terminals

Wire cross-section	0.08 ... 0.5 mm² / AWG 28 ... 20 (max. Ø 0.8 mm)
Stripping length	3.5 mm / 0.14"
Temperature resistance	-40 ... 125 °C / -40 ... 257 °F



Safety & Installation Instructions

Installation must be carried out by a qualified electrician in accordance with applicable regulations.
This device is maintenance-free and must only be cleaned with a dry cloth.

The temperature sensor may not always accurately reflect the external temperature. Direct sunlight on the housing can influence the reading. Always choose an installation location suitable for accurate measurements.

Install the Weather Station where wind, rain, and brightness can be detected without interference.

Mount the device on a pole or directly on a wall using the provided accessories.

Nearby buildings or objects can cause air turbulence, which may affect wind measurement accuracy.



For more information
about this product, visit
loxone.com/help/weather-station-tree

Loxone Electronics GmbH
Smart Home 1
4154 Kollerschlag
Austria

Loxone US
3060 Plaza Drive
Suite 105
Garnet Valley, PA 19060
United States

Loxone UK
The Forum
Station Road
Theale, RG7 4RA
United Kingdom



For additional information,
declaration of conformity, visit
www.loxone.com/datasheets

Need Help?
loxone.com/support



V310726



Weather Station Tree

Part No.: 100246

LOXONE

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

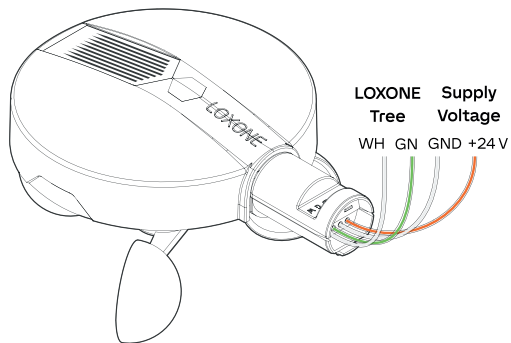
Electrical Specifications

Supply Voltage	10 ... 30 V DC
Power Consumption	typ. 0.06 W, max. 1.5 W (when rain sensor heating is on)
Power Loss	max. 1.5 W

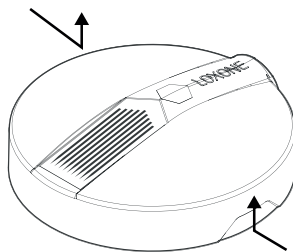
Interface

LOXONE Tree	connection with Miniserver / Tree Extension
-------------	--

In the delivery state, the device enters pairing mode automatically once the power supply (24V) and connection to LOXONE Tree are established. Connect via LOXONE Config with the Miniserver to pair the device and add it to your program.



Push on both sides and pull to open the top



Status LED

Push and pull to unlock

