Technical Specifications

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

Connection

Wire cross-section	0.08 ... 0.32mm² / AWG28 ... 22
Stripping length	3.5mm / 0.14"
Temperature resistance	-40 ... 125°C / -40 ... 257°F

LOXONE

Need Help?

loxone.com/support

V100420

LOXONE

Weather Station Tree

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.
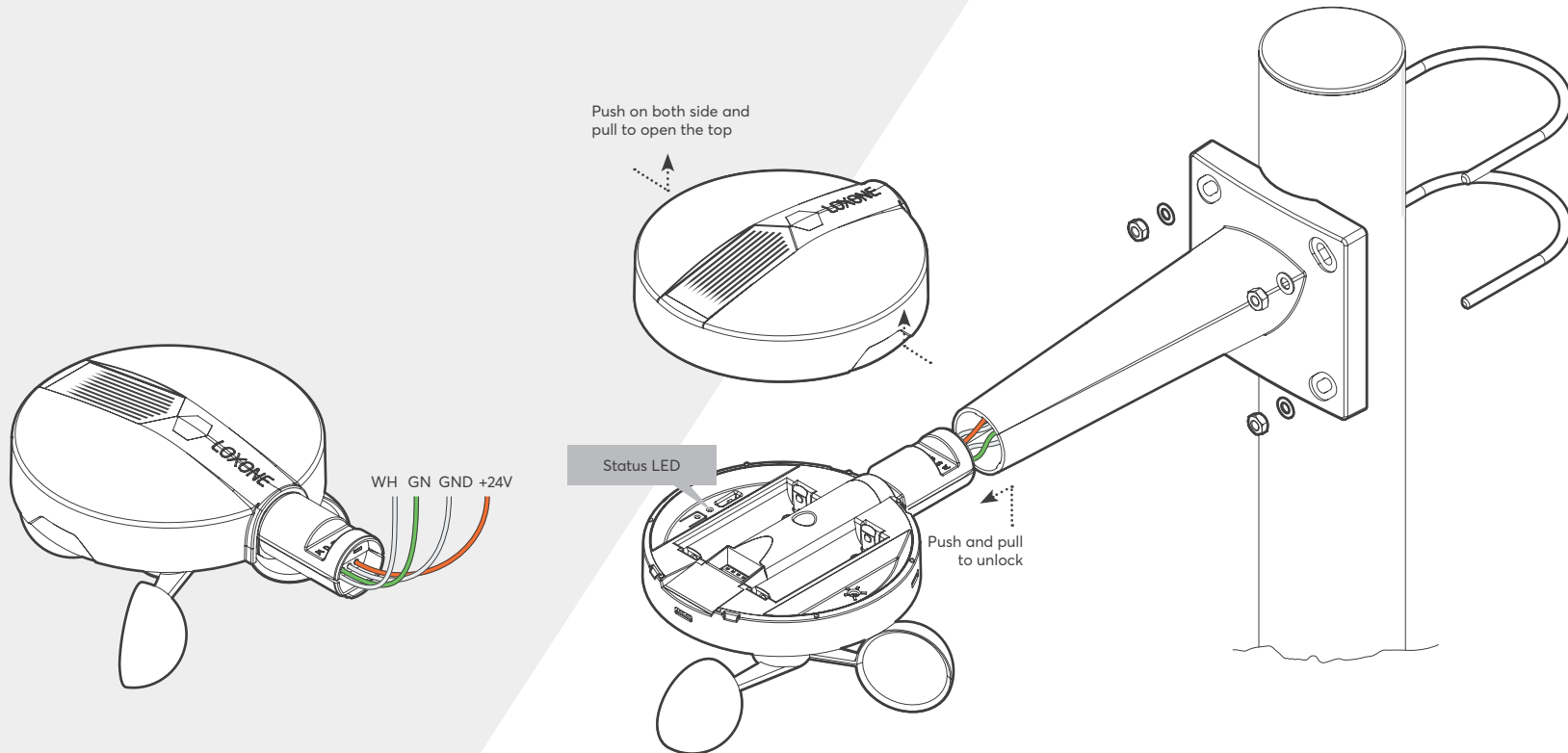
Features

- 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 confirmity, visit www.loxone.com/help/weather-station-tree

WH GN GND +24V

Push on both side and pull to open the top

Status LED

Push and pull to unlock