

Datasheet

Weather Station Tree

Part No: 100246



About the product

The LOXONE Weather Station Tree is used to record **wind speed, brightness, rain and temperature** and thus offers the perfect basis for protecting your building and operating it efficiently.

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 |
| Rain sensor | with integrated heating |

Interfaces

| | |
|-------------|---|
| LOXONE Tree | Connection with Miniserver / Tree Extension |
|-------------|---|

Ambient Conditions

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

Measurement Range

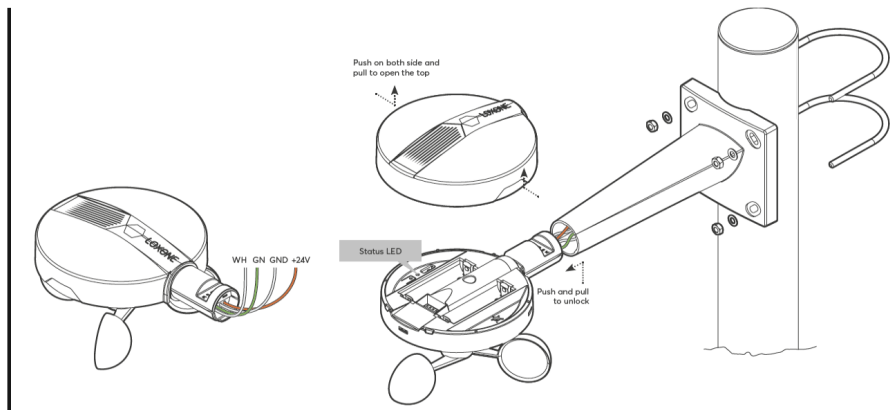
| | |
|-------------|---------------------------------|
| Temperature | -40 ... 125 °C / -40 ... 257 °F |
| Wind | 9 ... 145 km/h / 5.6 ... 90 mph |
| Brightness | 0 ... 188 000 lx |

Connection Terminals

| | |
|------------------------|--|
| Wire cross-section | 0.08 ... 0.5 mm ² / AWG 28 ... 20 (max. Ø 0.8 mm) |
| Stripping length | 3.5 mm / 0.14" |
| Temperature resistance | -40 ... 125 °C / -40 ... 257 °F |

Connection Diagram

Connection Diagram



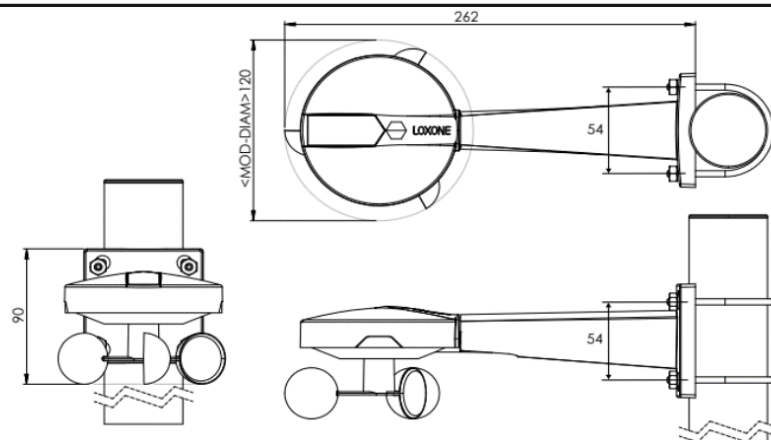
Product Characteristics

| | |
|---------|-----------------|
| Colours | White: RAL 9003 |
| Finish | Matte |

Weight & Dimensions

| | |
|--------------------|--|
| Net weight | 214 g |
| Total weight | 350 g |
| Product dimensions | 262 x 120 x 90 mm / 10.31 x 4.72 x 3.54" (L x W x H) |

Product dimensions drawing



| | |
|-----------|--|
| Pack size | 269 x 192 x 77 mm / 10.59 x 7.56 x 3.03" (L x W x H) |
|-----------|--|

Certifications & Standards



Installation must be carried out by a qualified electrician in accordance with the relevant regulations.

Published by

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Datenblatt

Wetterstation Tree

Part No: 100246



Über das Produkt

Die LOXONE Wetterstation Tree dient zur Erfassung von **Windgeschwindigkeit, Helligkeit, Regen sowie Temperatur** und bietet somit die perfekte Grundlage, um dein Gebäude zu schützen und effizient zu betreiben.

Elektrische Spezifikationen

| | |
|---------------------|--|
| Versorgungsspannung | 10 ... 30 V DC |
| Leistungsaufnahme | typ. 0,06 W, max. 1,5 W (bei aktivierter Heizung des Regensensors) |
| Verlustleistung | max. 1.5 W |
| Regensensor | mit integrierter Heizung |

Schnittstellen

| | |
|-------------|--|
| LOXONE Tree | Verbindung mit Miniserver / Tree Extension |
|-------------|--|

Umgebungsbedingungen

| | |
|------------------|---------------------------------------|
| Temperatur | -30 ... 70 °C / -22 ... 158 °F |
| Luftfeuchtigkeit | max. 95 % r. F. (nicht kondensierend) |
| Schutzart | IP44 |

Messbereich

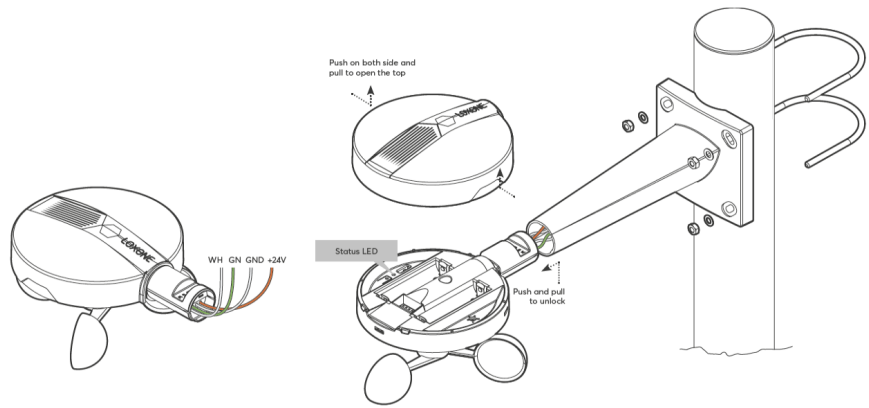
| | |
|------------|---------------------------------|
| Temperatur | -40 ... 125 °C / -40 ... 257 °F |
| Wind | 9 ... 145 km/h / 5,6 ... 90 mph |
| Helligkeit | 0 ... 188 000 lx |

Anschlussklemmen

| | |
|-------------------------|--|
| Leiterquerschnitt | 0.08 ... 0.5 mm ² / AWG 28 ... 20 (max. Ø 0,8 mm) |
| Abisolierlänge | 3,5 mm / 0,14" |
| Temperaturbeständigkeit | -40 ... 125 °C / -40 ... 257 °F |

Anschlussplan

Anschlussplan



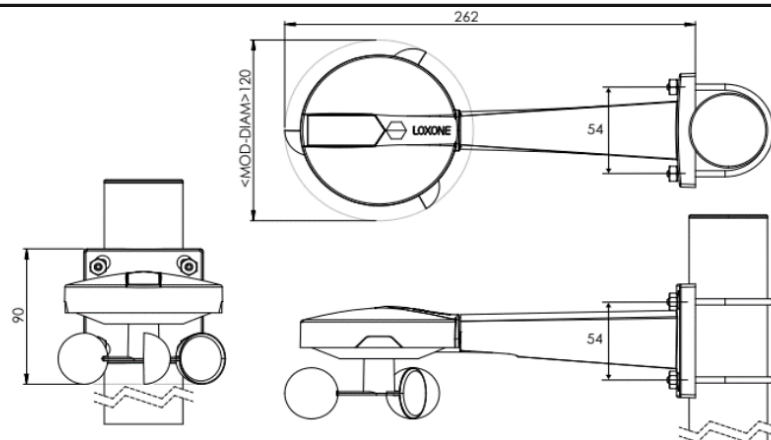
Produkteigenschaften

| | |
|-----------|----------------|
| Farbe | Weiß: RAL 9003 |
| Glanzgrad | Matt |

Gewicht & Abmessungen

| | |
|---------------|--|
| Nettogewicht | 214 g |
| Bruttogewicht | 350 g |
| Produktmaße | 262 x 120 x 90 mm / 10,31 x 4,72 x 3,54" (L x B x H) |

Produktmaßzeichnung



| | |
|---------|--|
| Packmaß | 269 x 192 x 77 mm / 10,59 x 7,56 x 3,03" (L x B x H) |
|---------|--|

Zertifizierungen & Standards



Die Installation muss von einer qualifizierten Elektrofachkraft gemäß den einschlägigen Vorschriften durchgeführt werden.

Veröffentlicht von

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