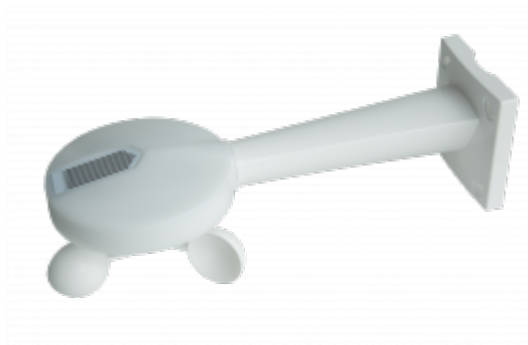


Datasheet Weather Station Tree

Part No: 100246



About the product

In a building automated with Loxone, the precise measuring of localised weather and the forecasting of weather conditions can play an important role. To offer maximum functionality, the Weather Station is coupled with a 10-year subscription to the Loxone Weather Service.

- Reliably measures local wind, rain, temperature and brightness
- Accurately forecasts your local weather up to 66 hours in advance
- Access the Loxone Weather Service data in the Loxone App
- Setup your new weather station in record time thanks to Loxone Tree and Air Technology
- Developed & designed specifically for use in a Loxone Smart Home
- Not suitable for use in coastal areas

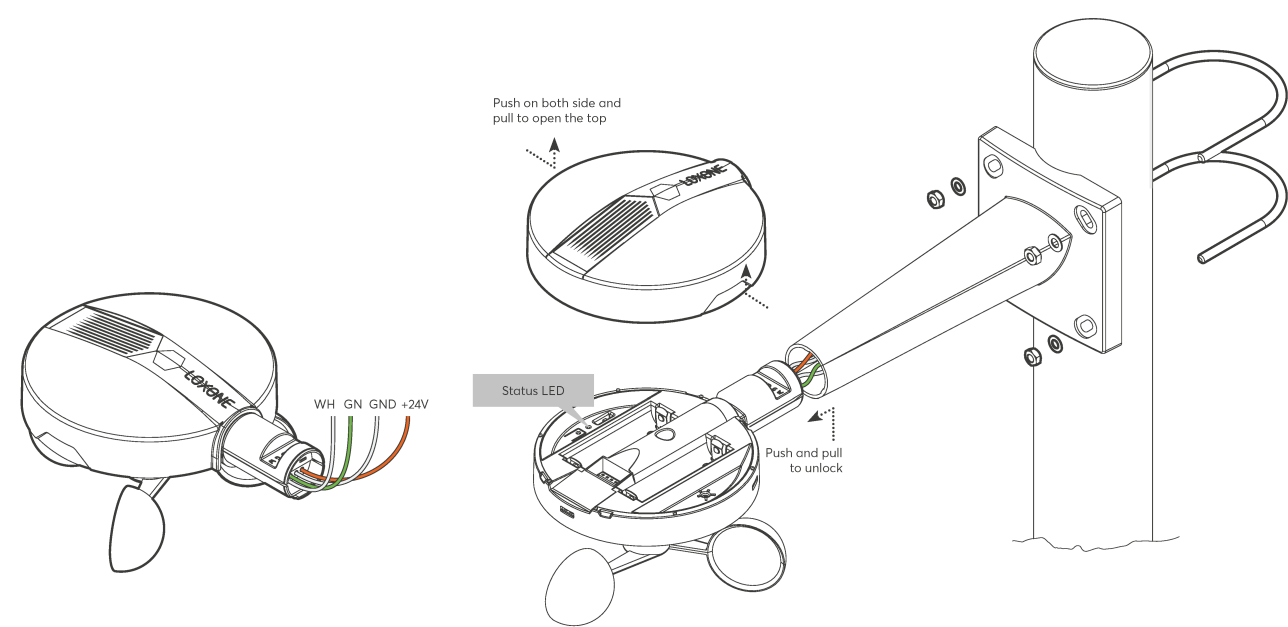
Technical data

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 sensor range	0 ... 188000lx
Temperature detection range	-40 ... 125°C / -40 ... 257°F
Rain sensor	with integrated heating

Connections

Wire cross-section	0.08 ... 0.32mm² / AWG28 ... 22
Stripping length	3.5mm / 0.14"
Temperature resistance	-40 ... 125°C / -40 ... 257°F
Orange / White	+24VDC / GND
Green / White	Loxone Tree

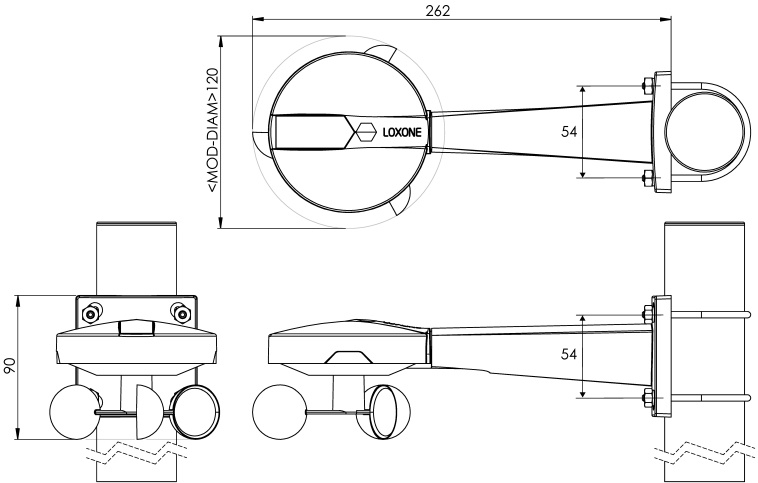
Connection diagram



Product features

Colours	White: RAL9003
Finish	Matte

Weight & dimensions

Net weight	214g
Total weight	350g
Product dimensions	262x120x90mm / 10.31x4.72x3.54" (LxWxH)
	 The technical drawings show the Loxone device from three perspectives. The top view is a circle with a diameter dimension of 120, indicated by a vertical line on the left labeled '<MOD-DIAM>120'. The overall length of the device is 262, shown as a horizontal dimension at the top. The side view shows a depth of 54. The front view shows a height of 90. The device has a central body with a 'LOXONE' logo and two circular components at the ends. The side view also shows a depth of 54. The front view shows a height of 90. The side view shows a depth of 54.
Pack size	269x192x77mm / 10.59x7.56x3.03" (LxWxH)

Certifications & Standards

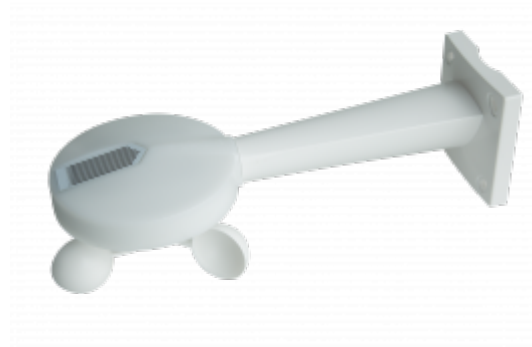
Safety rating	IP44
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Installation must be carried out by a qualified electrician in accordance with the relevant regulations.

Datasheet

Wetterstation Tree

Artikel Nr.: 100246



Über das Produkt

Die Wetterstation inklusive Wetterservice liefert exakte Wetterdaten für Ihren Standort und ist somit Ideal zur einfachen Realisierung von Sturmschutz, Bewässerung, Automatikbeschattung und mehr.

- Exakte Wetterdaten für Haus- & Gebäudeautomation
- Misst Wind, Regen, Temperatur und Helligkeit
- Ideal zur einfachen Realisierung von Sturmschutz, Bewässerung, Automatikbeschattung und mehr
- Einfache und schnelle Inbetriebnahme dank Tree & Air Technologie
- Inklusive 10 Jahre Weather Service

Technische Daten

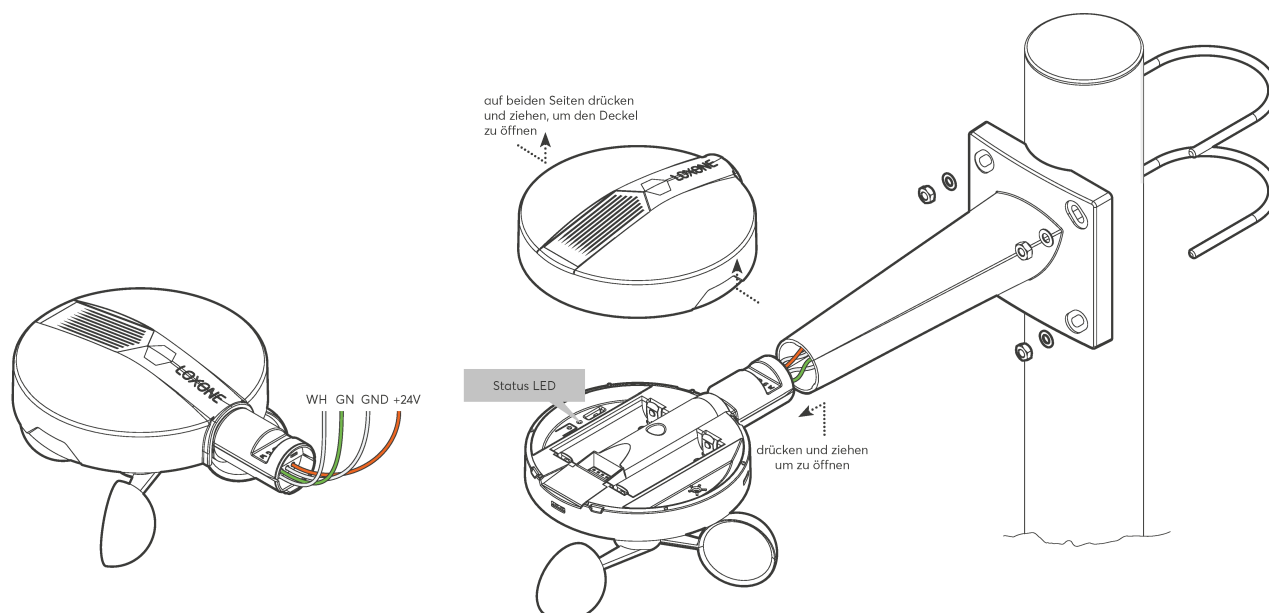
Spannungsversorgung	10 ... 30VDC
Leistungsaufnahme	typ. 0,06W, max. 1,1W (bei aktivierter Heizung des Regensensors)
Leistungsverlust	max. 1,1W
Schnittstellen	Loxone Tree: Verbindung mit Miniserver / Tree Extension
Umgebungstemperatur	-30 ... 70°C / -22 ... 158°F
Erfassungsbereich Windsensor	9 ... 145km/h / 5,6 ... 90mph
Erfassungsbereich Helligkeitssensor	0 ... 188.000lx
Messbereich Temperatursensor	-40 ... 125°C / -40 ... 257°F
Regensensor	mit integrierter Heizung

Anschlüsse

Leiterquerschnitt	0,08 ... 0,32mm ² / AWG28 ... 22
Abisolierlänge	3,5mm / 0,14"
Temperaturbeständigkeit	-40 ... 125°C / -40 ... 257°F

Orange / Weiß	+24VDC / GND
Grün / Weiß	Loxone Tree

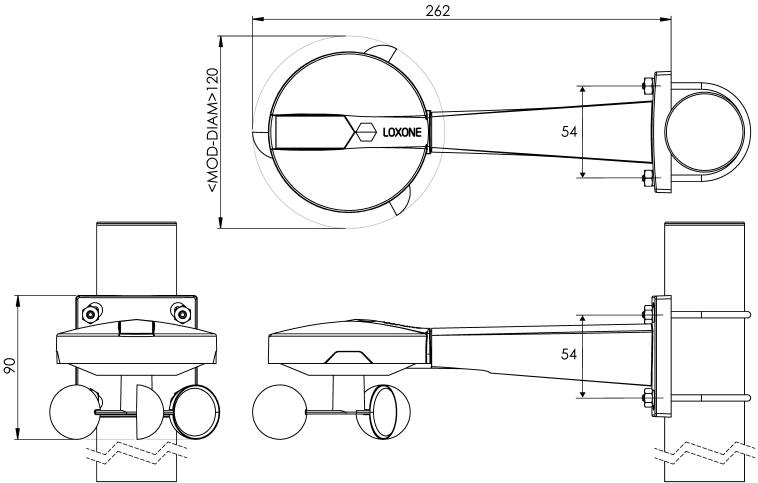
Anschlussplan



Produkteigenschaften

Farbe	Weiß: RAL9003
Glanzgrad	Matt

Gewicht & Abmessungen

Nettogewicht	214g
Bruttogewicht	350g
Produktmaße	262x120x90mm / 10,31x4,72x3,54" (LxBxH)
	
Packmaß	269x192x77mm / 10,59x7,56x3,03" (LxBxH)

Zertifizierungen & Standards

Schutzart	IP44
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Die Installation muss nach den einschlägigen Vorschriften durch eine Elektrofachkraft erfolgen.

Veröffentlicht von
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