

Datasheet

Presence Sensor Tree

Part No: 100422, 100423



About the product

The Loxone Presence Sensor Tree is used to detect presence, motion and brightness in a room.

Electrical Data

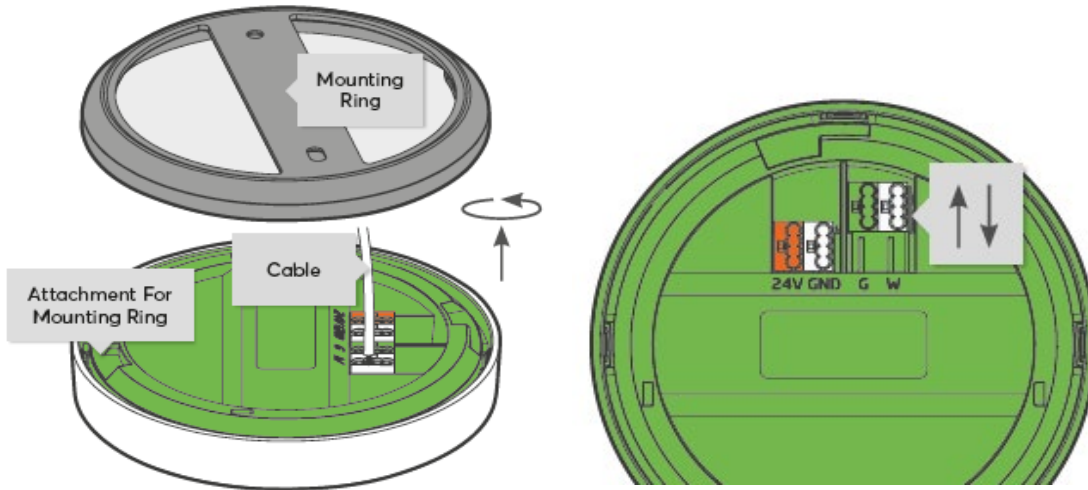
| | |
|--------------------------------------|---|
| Power supply | 6 ... 30VDC |
| Power consumption | typ. 246mW |
| Power loss | max. 246mW |
| Ambient temperature | -25 ... 70°C / -13 ... 158°F |
| Humidity | max. 95% r.H. (non condensing) |
| Motion detection | passive infrared sensor |
| Motion detection range | 8m / 26.25ft (at height of 3m / 9.84ft) |
| Recommended installation height | 2.5 ... 3.5m / 8.2 ... 11.5ft |
| Installation height | max. 5m / 16.4ft |
| Detection angle vertical | 110° |
| Detection angle horizontal | 360° |
| Measuring range of brightness sensor | 0 ... 83000lx |
| Acoustic detection | 60Hz ... 20kHz, mono |

Connections

| | |
|------------------------|--|
| Wire cross-section | 0.25 ... 0.8mm ² / AWG23 ... 18 |
| Stripping length | 5mm / 0.2" |
| Temperature resistance | -40 ... 105°C / -40 ... 221°F |
| Orange / White | + 24VDC / GND |
| Green / White | Loxone Tree |

LOXONE

Connection Diagram

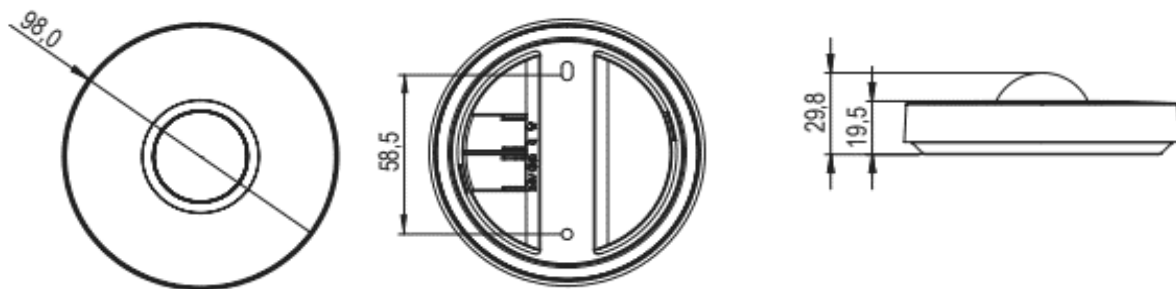


Product Characteristics

| | |
|---------|---|
| Colours | Anthracite: RAL7016 - Part No. 100423 White: RAL9003 - Part No. 100422 |
| Finish | Matte |

Weight & Dimensions

| | |
|--------------------|------------------------------|
| Net weight | 75g |
| Total weight | 98g |
| Product dimensions | 98x29.8mm / 3.86x1.17" (DxH) |



| | |
|-----------|--|
| Pack size | 109x103.5x30mm / 4.29x4.06x1.18" (LxWxH) |
|-----------|--|

Certifications & Standards

Safety rating

IP30

Certifications



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

Published by
Loxone Electronics GmbH

Smart Home 1
4154 Kollerschlag
Austria
Tel: +43 7287 7070-0
loxone.com

Datenblatt

Präsenzmelder Tree

Art. Nr. 100422, 100423



Information zum Produkt

Der Loxone Präsenzmelder Tree dient zur Erfassung von Präsenz, Bewegung und Helligkeit in einem Raum.

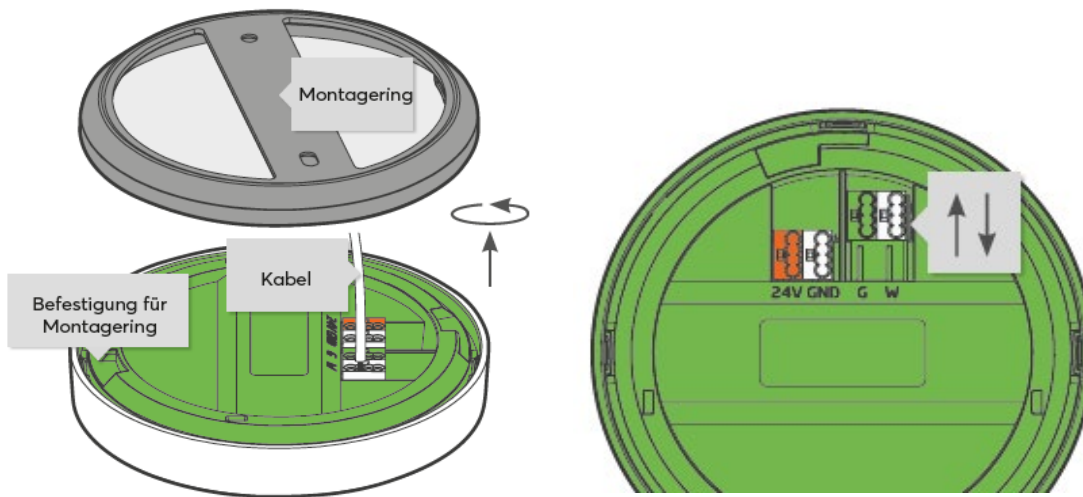
Elektrische Daten

| | |
|-----------------------------------|-------------------------------------|
| Spannungsversorgung | 6 ... 30VDC |
| Leistungsaufnahme | typ. 246mW |
| Leistungsverlust | max. 246mW |
| Umgebungstemperatur | -25 ... 70°C / -13 ... 158°F |
| Luftfeuchtigkeit | max. 95% r.H. (nicht kondensierend) |
| Bewegungserkennung | passiver Infrarotsensor |
| Reichweite der Bewegungserkennung | 8m / 26.25ft (in 3m / 9.84ft Höhe) |
| Empfohlene Installationshöhe | 2,5 ... 3,5m / 8,2 ... 11,5ft |
| Einbauhöhe | max. 5m / 16,4ft |
| Erfassungswinkel vertikal | 110° |
| Erfassungswinkel horizontal | 360° |
| Messbereich Helligkeitssensor | 0 ... 83000lx |
| Akustische Erkennung | 60Hz ... 20kHz, mono |

Anschlüsse

| | |
|-------------------------|--|
| Leiterquerschnitt | 0,25 ... 0,8mm ² / AWG23 ... 18 |
| Abisolierlänge | 5mm / 0,2" |
| Temperaturbeständigkeit | -40 ... 105°C / -40 ... 221°F |
| Orange / Weiß | + 24VDC / GND |
| Grün / Weiß | Loxone Tree |

Anschlussplan

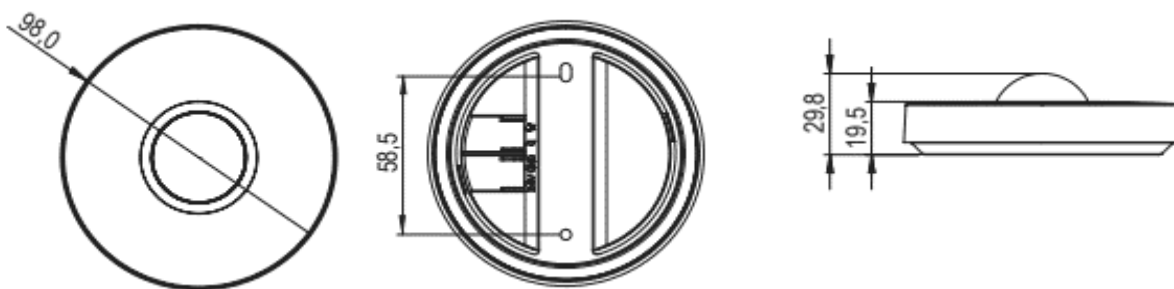


Produkteigenschaften

| | |
|-----------|---|
| Farbe | Anthrazit: RAL7016 - Art. Nr. 100423 Weiß: RAL9003 - Art. Nr. 100422 |
| Glanzgrad | Matt |

Gewicht & Abmessungen

| | |
|---------------|------------------------------|
| Nettogewicht | 75g |
| Bruttogewicht | 98g |
| Produktmaße | 98x29,8mm / 3,86x1,17" (DxH) |



| | |
|---------|--|
| Packmaß | 109x103,5x30mm / 4,29x4,06x1,18" (LxBxH) |
|---------|--|

Zertifizierungen & Standards

Schutzart

IP30

Zertifizierungen



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

Veröffentlicht von
Loxone Electronics GmbH

Smart Home 1
4154 Kollerschlag
Austria
Tel: +43 7287 7070-0
loxone.com