

Datasheet

Flush-mounted Presence Sensor Tree

Part No: 100498



About the product

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

Electrical Data

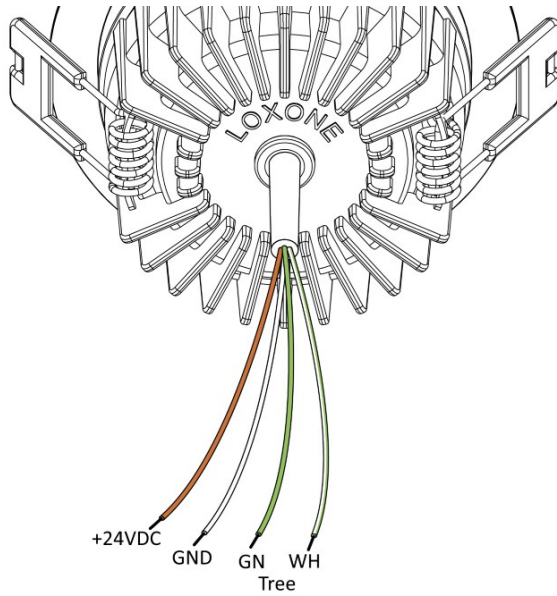
| | |
|--------------------------------------|---|
| Power supply | 9 ... 30VDC |
| Power consumption | typ. 210mW |
| Power loss | max. 250mW |
| Ambient temperature | -25 ... 70°C / -13 ... 158°F |
| Humidity | max. 95% r.H. (non condensing) |
| Motion detection | passive infrared sensor |
| Motion detection range | 8m / 26.25ft (at height of 3m / 9.84ft) |
| Recommended installation height | 2.5 ... 3.5m / 8.2 ... 11.5ft |
| Detection angle vertical | 110° |
| Detection angle horizontal | 360° |
| Measuring range of brightness sensor | 0 ... 32000lx |
| Acoustig detection | 60Hz ... 20kHz, mono |

Connections

| | Connection Cable | Connection Terminals |
|------------------------|-----------------------------|--|
| Wire cross-section | 0.75mm ² / AWG18 | 0.14 ... 4mm ² / AWG24 ... 12 |
| Stripping length | 11mm / 0.43" | 11mm / 0.43" |
| Temperature resistance | max. 70°C / 158°F | max. 85°C / 185°F |
| Cable length | 200mm / 7.87" | - |
| Orange / White | + 24VDC / GND | - |
| Green / White | Loxone Tree | - |

LOXONE

Connections

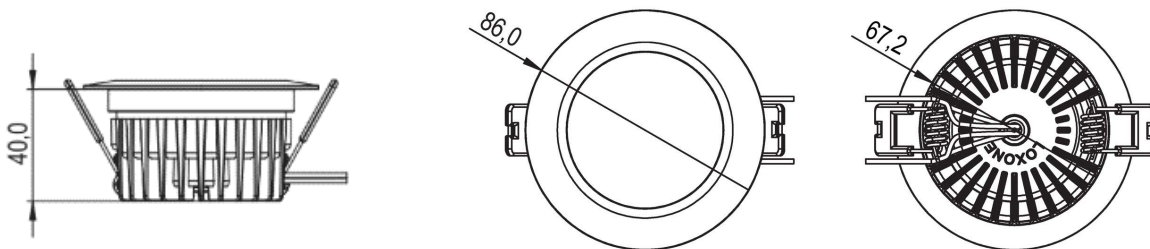


Product Characteristics

| | |
|---------|------------------------|
| Colours | Gold - Part No. 100498 |
| Finish | Matte |

Weight & Dimensions

| | |
|--------------------|--|
| Net weight | 150g |
| Total weight | 250g |
| Product dimensions | Outer diameter of bezel: 86mm (3.39") Installation depth: 40mm (1.57") Hole diameter: 68 ... 72mm (2.68 ... 2.83") |



| | |
|-----------|--------------------------------------|
| Pack size | 98x90x33mm / 3.86x3.54x1.30" (LxWxH) |
|-----------|--------------------------------------|

Certifications & Standards

Safety rating

IP20

Certifications



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

Published by
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Datenblatt

Präsenzmelder Deckeneinbau Tree

Art. Nr. 100498



Information zum Produkt

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

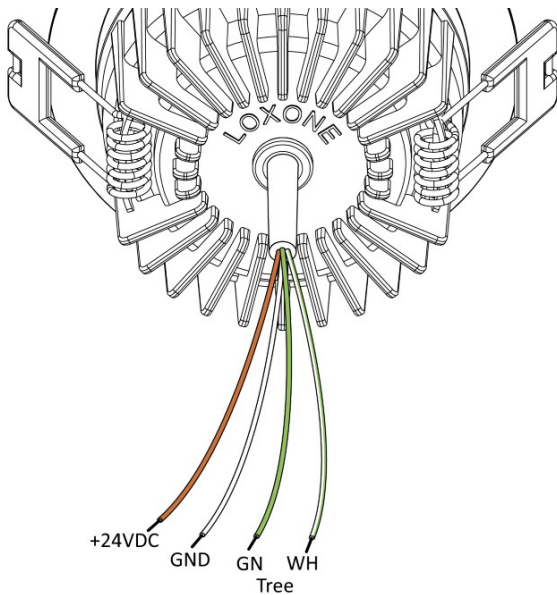
Elektrische Daten

| | |
|-----------------------------------|-------------------------------------|
| Spannungsversorgung | 9 ... 30VDC |
| Leistungsaufnahme | typ. 210mW |
| Verlustleistung | max. 250mW |
| 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 |
| Erfassungswinkel vertikal | 110° |
| Erfassungswinkel horizontal | 360° |
| Messbereich Helligkeitssensor | 0 ... 32000lx |
| Akustikerkennung | 60Hz ... 20kHz, mono |

Anschlüsse

| | Anschlussleitung | Anschlussklemmen |
|-------------------------|-----------------------------|--|
| Leiterquerschnitt | 0,75mm ² / AWG18 | 0,14 ... 4mm ² / AWG24 ... 12 |
| Abisolierlänge | 11mm / 0.43" | 11mm / 0,43" |
| Temperaturbeständigkeit | max. 70°C / 158°F | max. 85°C / 185°F |
| Kabellänge | 200mm / 7,87" | - |
| Orange / Weiß | + 24VDC / GND | - |
| Grün / Weiß | Loxone Tree | - |

Anschlussleitungen

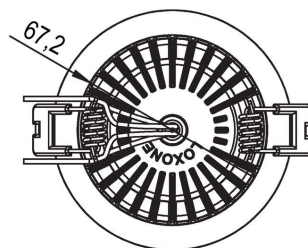
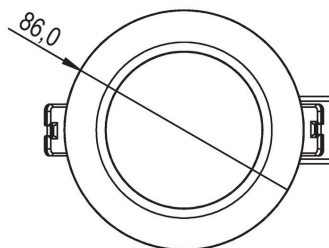
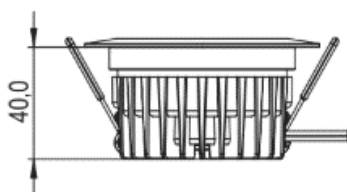


Produkteigenschaften

| | |
|-----------|------------------------|
| Farbe | Gold - Art. Nr. 100498 |
| Glanzgrad | Matt |

Gewicht & Abmessungen

| | |
|---------------|---|
| Nettogewicht | 150g |
| Bruttogewicht | 250g |
| Produktmaße | Außendurchmesser des Frontrings: 86mm (3,39") Einbautiefe: 40mm (1,57") Lochdurchmesser: 68 ... 72mm (2,68 ... 2,83") |



| | |
|---------|--------------------------------------|
| Packmaß | 98x90x33mm / 3,86x3,54x1,30" (LxBxH) |
|---------|--------------------------------------|

Zertifizierungen & Standards

Schutzart

IP20

Zertifizierungen



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

Veröffentlicht von
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