

O300.Gx / O300.Rx / O300.Tx / O300.Ex

Reflexions-Lichttaster mit Hintergrund-
ausblendung, Reflexions-Lichtschranke,
Einweg-Lichtschranke

Diffuse sensors with background
suppression, retro-reflective sensors,
through beam sensors

Détecteurs réflex avec élimination l'arrière-
plan, barrières réflex, barrières simples

Manual O300 Fix

11726847 / 03.02.2025 / V1.0



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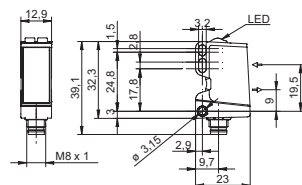
www.baumer.com/worldwide

Abmessungen

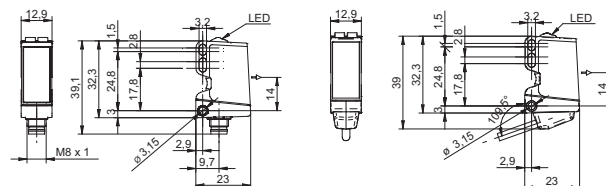
Dimensions

Dimensions

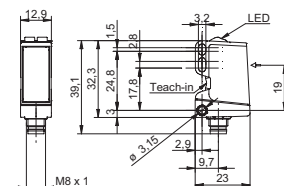
O300.Gx



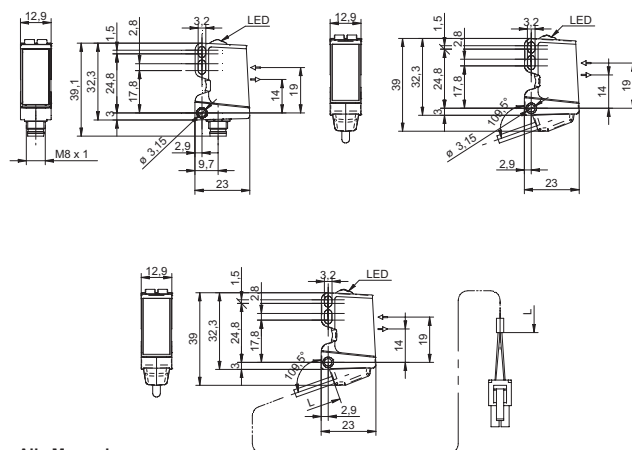
O300.Tx



O300.Ex



O300.Rx

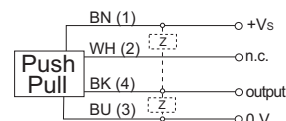


- Alle Masse in mm
- All dimensions in mm
- Toutes les dimensions en mm

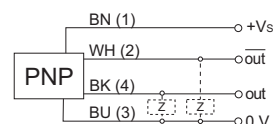
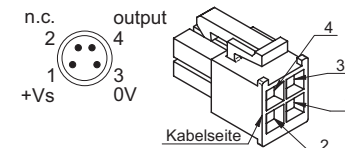
Elektrischer Anschluss

Connection diagram

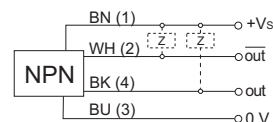
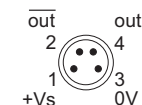
Schéma de raccordement



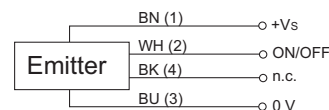
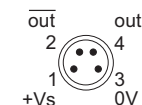
BN = Braun/brown/brun
WH = Weiss/white/blanc
BK = Schwarz/black/noir
BU = Blau/blue/bleu



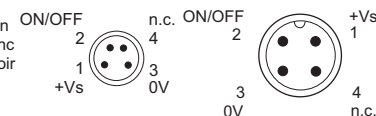
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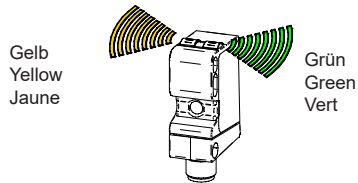


- Vor dem Anschliessen des Sensors die Anlage spannungsfrei schalten.
- Disconnect power before connecting the sensor.
- Mettre l'installation hors tension avant le raccordement du détecteur.

¹⁾ Class 2, UL 1310, see FAQ

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Farben LED Colors LED Couleurs LED

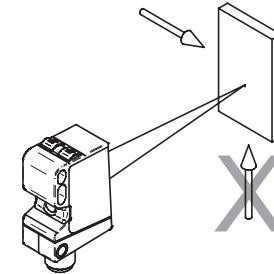


LED Anzeigen LED indication Indication LED

Grün: Betriebsanzeige, Kurzschluss
Green: Operating indication, short circuit
Vert: Signalisation de service, court-circuit

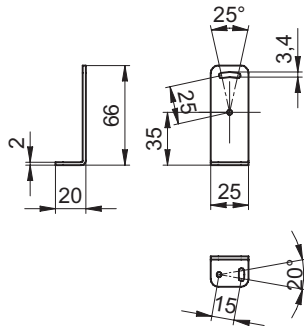
Gelb: Lichtempfang, Teach Rückmeldung
Yellow: Light reception, Teach feedback
Jaune: Réception de lumière, retour teach

Montage Mounting Montage

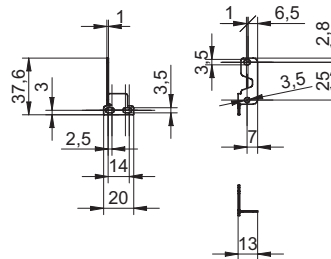


Zubehör Accessories Accessoires

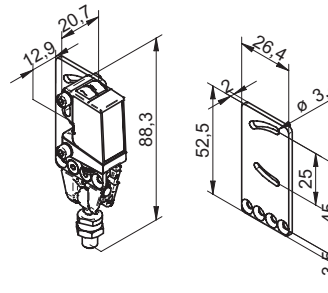
Montagewinkel
Mounting bracket
Support de montage
11102423



Montagewinkel
Mounting bracket
Support de montage
11124807



Sensofix O300
Sensofix O300
Sensofix O300
11104963



FAQ

• **Netzteil nach UL 1310, Class 2?**
 oder externe Absicherung durch eine UL anerkannte oder gelistete Sicherung mit max. 30VAC/3A oder 24VDC/4A.

• **Was bedeutet ON/OFF?**
 Bei aktivem Testeingang (ON/OFF auf +Vs) ist der Sender ausgeschaltet. Der Ausgang des Empfängers muss bei freiem Lichtweg den Zustand ändern. Wenn der Sender freigegeben wird (ON/OFF auf 0V) ist der Sensor wieder funktionsfähig. Das ganze System wird so auf Funktionstüchtigkeit geprüft

• **Voltage supply according UL 1310, Class2?**
 or device shall be protected by an external R/C or listed fuse, rated max. 30VAC/3A or 24VDC/4A.

• **What is ON/OFF for?**
 While the test input is activated (ON/OFF to +Vs) the emitter is switched off. The output state changes if the light beam from the emitter to the receiver is uncovered. If the emitter is on again (ON/OFF to 0V) the sensor is in working state. This could be used as functional test for the whole system.

• **L'alimentation utilisée, couvre la classe 2 selon la norme UL 1310?**
 Ou appareil protégé en externe par un circuit R/C ou fusible UL à 30VAC/3A ou 24VDC/4A maximum.

• **Qu'est-ce ON/OFF?**
 L'émetteur est déclenché lors du contrôle actif test (ON/OFF à +VS). La sortie du récepteur doit changer d'état si le champ est libre. Le détecteur est prêt à fonctionner sitôt l'émetteur libéré (ON/OFF à 0V). Toute la fonctionnalité du système se trouve ainsi contrôlée.