

O300.EI-11209574

Einweg-Lichtschranken

Through beam sensors

Barrières simples

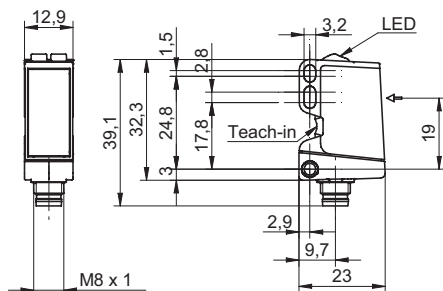


11209574



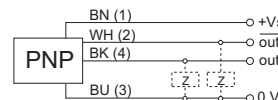
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Abmessungen Dimensions Dimensions

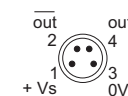


- Alle Maße in mm
- All dimensions in mm
- Toutes les dimensions en mm

Elektrischer Anschluss Connection diagram Schéma de raccordement



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



¹⁾ Class 2, UL 1310, see FAQ

- 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.

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Technische Daten

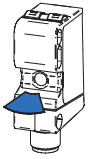
Technical data

Données techniques

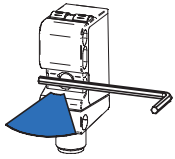
Grenzreichweite Sn	15 m	nominal range Sn	15 m	Limite de portée Sn	15 m
Betriebsreichweite Sb	10 m	actual range Sb	10 m	Portée de service Sb	10 m
Ausrichtung optische Achse	< 2°	alignment optical axis	< 2°	Axe d'alignement optique	< 2°
Betriebsspannungsreich +Vs ¹⁾	10 ... 30 VDC	voltage supply range +Vs ¹⁾	10 ... 30 VDC	Plage de tension +Vs ¹⁾	10 ... 30 VDC
Stromaufnahme max. (ohne Last)	40 mA	current consumption max. (no load)	40 mA	Consommation max. (sans charge)	40 mA
Stromaufnahme mittel	30 mA	current consumption typ.	30 mA	Courant absorbé moyen	30 mA
Spannungsabfall Vd	< 3 VDC	voltage drop Vd	< 3 VDC	Tension résiduelle Vd	< 3 VDC
Ansprech- / Abfallzeit	< 0,49 ms	response time / release time	< 0,49 ms	Temps d'activation / désactivation	< 0,49 ms
Ausgangsschaltung	PNP Antivalent	output circuit	PNP complementary	Circuit de sortie	PNP complémenté
Schaltfunktion	Hell- / Dunkel-schaltung	output function	light / dark operate	Fonction de commutation	claire/sombre
kurzschlussfest	ja	short circuit protection	yes	Protégé contre courts-circuits	oui
verpolungsfest	ja	reverse polarity protection	yes	Protégé contre inversion polarité	oui
Arbeitstemperatur	-25 ... +60 °C	operating temperature	-25 ... +60 °C	Température de fonctionnement	-25 ... +60 °C
Schutzart	IP 67	protection class	IP 67	Classe de protection	IP 67

Technische Änderungen vorbehalten Technical specifications subject to change Sous réserve de modifications techniques

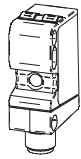
qTeach Status



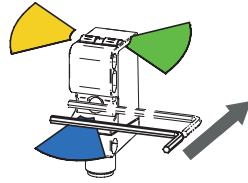
Bereit
Ready
Prêt



Werkzeug erkannt
Tool detected
Outil reconnu



qTeach OFF



Kurzes antippen
Tap shortly
Touche brièvement

Allgemeine Hinweise

- qTeach verriegelt 5 min nach dem Einschalten.
- Im Teachmodus wechselt der Ausgang in den nichtgeschalteten Zustand.
- Beim 2-Punkt Teach-in wird die Funktion Hell-/Dunkel schaltend durch die Reihenfolge des Einlernens bestimmt.

General information

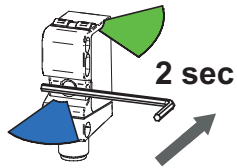
- qTeach locks 5 min after switching-on.
- In teach mode the output changes to the non-switched state.
- During 2-point teach-in the light/dark switching function is determined by the teach-in order.

Remarques générales

- qTeach se verrouille 5 min après l'enclenchement.
- En mode Teach, la sortie dans l'état non commutée.
- Teach à 2 points, la fonction de commutation claire/sombre est déterminée par l'ordre d'apprentissage.

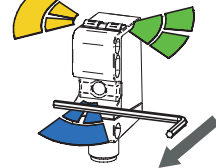


Justierhilfe Adjusting aid Aide à l'ajustement



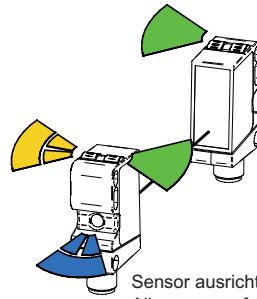
2 sec

Werkzeug erkannt, LED heller
Tool detected, LED brighter
Outil reconnu, LED plus lumineuse



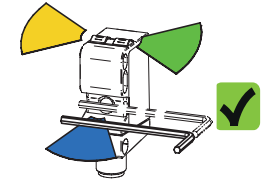
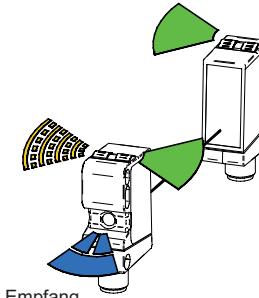
1 Hz

LEDs blinken
Flashing LEDs
Clignotement LEDs

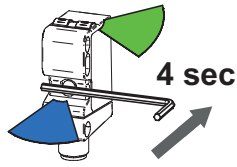


Sensor ausrichten, schnelleres blinken, besserer Empfang
Align sensor, faster flashing, better reception
Aligner le capteur, clignotent rapidement, il meilleure réception

Signalstärke
Signal power
La force du signal



2-Punkt Teach 2-point teach Teach à 2 point



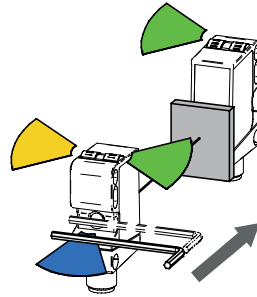
4 sec

Werkzeug erkannt, LED heller
Tool detected, LED brighter
Outil reconnu, LED plus lumineuse

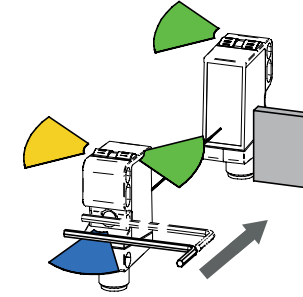


2 Hz

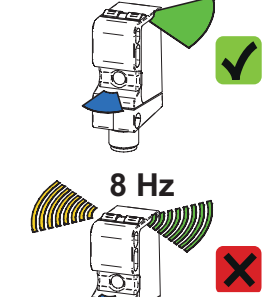
LEDs blinken
Flashing LEDs
Clignotement LEDs



Objekt platzieren, kurz antippen
Place object, tap shortly
Positionnez l'objet, touchez rapidement



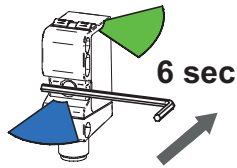
Objekt entfernen, kurz antippen
Remove object, tap shortly
Positionnement d'arrière-plan, touchez rapidement



8 Hz



Werkseinstellung Factory reset Remise à l'état initial



6 sec

Werkzeug erkannt, LED heller
Tool detected, LED brighter
Outil reconnu, LED plus lumineuse



4 Hz

LEDs blinken
Flashing LEDs
Clignotement LEDs

Keine weiteren Eingriffe nötig
No further action required
Pas d'autres interventions

