Optoelektronische Sensoren
Photoelectric sensors
Détecteurs opto-électroniques

O300.RR-11110443

Reflexions-Lichtschranken

Retro-reflective sensors

Barrières réflex

11110443

Baumer

Baumer Electric AG · CH-8501 Frauenfeld
Phone +41 (0)52 728 1122 · Fax +41 (0)52 728 1144

Canada
Baumer Inc.
CA-Burlington, ON L7M 4B9
Phone +1 (1)905 335-8444

China
Baumer (China) Co., Ltd.
CN-201612 Shanghai
Phone +86 (0)21 6768 7095

Denmark
Baumer A/S
DK-8210 Aarhus V
Phone +45 (0)8931 7611

France
Baumer SAS
FR-74250 Fillinges
Phone +33 (0)450 392 466

Germany
Baumer GmbH
DE-61169 Friedberg
Phone +49 (0)6031 60 07 0

India
Baumer India Private Limited
IN-411038 Pune
Phone +91 20 2528 6833/34

Italy
Baumer Italia S.r.l.
IT-20090 Assago, MI
Phone +39 (0)2 45 70 60 65

Singapore
Baumer (Singapore) Pte. Ltd.
SG-339412 Singapore
Phone +65 6396 4131

Sweden
Baumer A/S
SE-56133 Huskvarna
Phone +46 (0)36 13 94 30

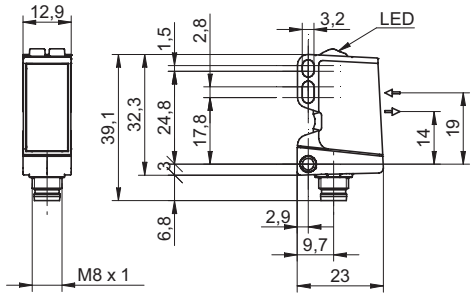
Switzerland
Baumer Electric AG
CH-8501 Frauenfeld
Phone +41 (0)52 728 1313

United Kingdom
Baumer Ltd.
GB-Watchfield, Swindon, SN6 8TZ
Phone +44 (0)1793 783 839

USA
Baumer Ltd.
US-Southington, CT 06489
Phone +1 (1)860 621-2121

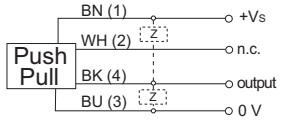
www.baumer.com/worldwide

Abmessungen *Dimensions* *Dimensions*

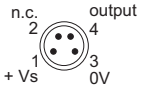


- **Alle Masse in mm**
- **All dimensions in mm**
- **Toutes les dimensions en mm**

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.**

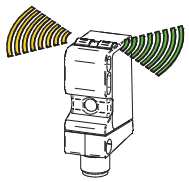
Technische Daten		*Technical data*		*Données techniques*	
Grenzreichweite Sn	5 m	nominal range Sn	5 m	Limite de portée Sn	5 m
Betriebsreichweite Sb	4 m	actual range Sb	4 m	Portée de service Sb	4 m
Ausrichtung optische Achse	< 2°	alignment optical axis	< 2°	Axe d'alignement optique	< 2°
Betriebsspannungsbereich +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)	30 mA	current consumption max. (no load)	30 mA	Consommation max. (sans charge)	30 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	Gegentakt	output circuit	push-pull	Circuit de sortie	push-pull
Schaltfunktion	Hellschaltung	output function	light operate	Fonction de commutation	claire
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**

O300.RR-11110443

Farben LED
Colors LED
Couleurs LED

Gelb
Yellow
Jaune



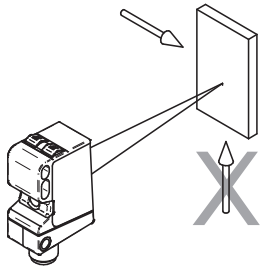
Grün
Green
Vert

LED Anzeigen
LED indication
Indication LED

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

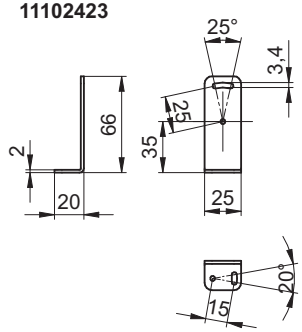
Gelb: Lichtempfang
Yellow: Light reception
Jaune: Réception de lumière

Montage
Mounting
Montage

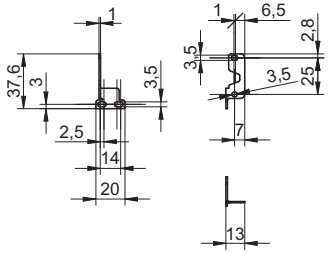


Zubehör
Accessories
Accessoires

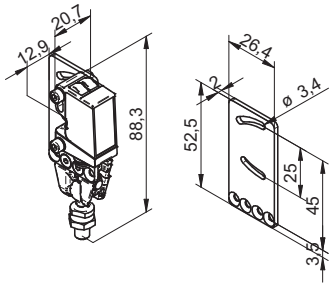
Montagewinkel
Mounting bracket
Support de montage
11102423



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.
- **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.
- **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.