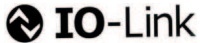


FADK 14I4470/S14/IO



Distanz Sensor

Distance Sensor

Détecteur de distance



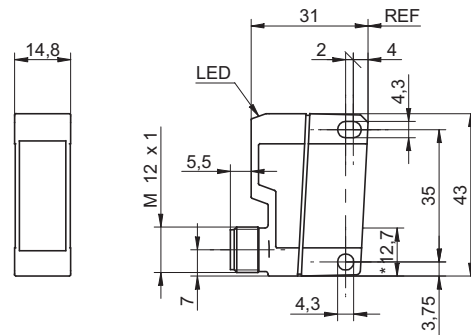
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Phone +41 (0)52 728 1122 · Fax +41 (0)52 728 1144

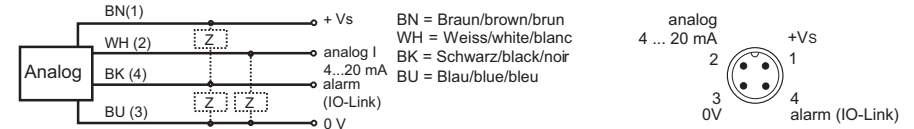


Abmessungen Dimensions Dimensions

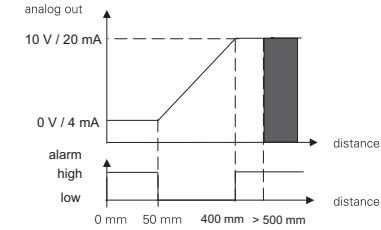


- Alle Maße in mm
- All dimensions in mm
- Toutes les dimensions en mm
- * Senderachse
- * Emitter axis
- * Axe de l'émetteur

Elektrischer Anschluss Connection diagram Schéma de raccordement



Ausgang Charakteristik Output characteristic Caractéristique de sortie



- 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.

Canada Baumer Inc. CA-Burlington, ON L7M 4B9 Phone +1 (1)905 335-8444	Italy Baumer Italia S.r.l. IT-20090 Assago, MI Phone +39 (0)2 45 70 60 65
China Baumer (China) Co., Ltd. CN-201612 Shanghai Phone +86 (0)21 6768 7095	Singapore Baumer (Singapore) Pte. Ltd. SG-339412 Singapore Phone +65 6396 4131
Denmark Baumer A/S DK-8210 Aarhus V Phone: +45 (0)8931 7611	Sweden Baumer A/S SE-56133 Huskvarna Phone +46 (0)36 13 94 30
France Baumer SAS FR-74250 Fillinges Phone +33 (0)450 392 466	Switzerland Baumer Electric AG CH-8501 Frauenfeld Phone +41 (0)52 728 1313
Germany Baumer GmbH DE-61169 Friedberg Phone +49 (0)6031 60 07 0	United Kingdom Baumer Ltd. GB-Watchfield, Swindon, SN6 8TZ Phone +44 (0)1793 783 839
India Baumer India Private Limited IN-411058 Pune Phone +91 20 66292400	USA Baumer Ltd. US-Southington, CT 06489 Phone +1 (1)860 621-2121

Technische Daten

Technical data

Données techniques

Messbereich	Measuring range	Plage de mesure	50..400 mm
Auflösung (matt weisse Keramik)	Resolution (matt white ceramic)	Résolution (céramique blanche mate)	0,1...1 mm
Linearitätsabweichung (matt weisse Keramik)	Linearity error (matt white ceramic)	Déviation de linéarité (céramique blanche)	± 1,5... ± 4mm
Lichtquelle	Light source	Source de lumière	pulsed point source LED
Ansprechzeit	Response time	Temps d'activation	< 3 ms
Analogausgang	Analog output	Sortie analogique	4...20 mA
Alarmausgang	Alarm output	Sortie d'alarme	push-pull
Betriebsanzeige	Power indicator	Affichage de fonctionnement	green LED
Anzeige Alarm- / Verschm.	Soiled lens indicator	Indication alarme / encrassement	red LED
Betriebsspannungsbereich Vs (UL-Class 2)	Voltage supply range Vs (UL-Class 2)	Plage de tension Vs (UL-Class 2)	12...26 VDC
max. Stromverbrauch	max. supply current	Consommation max.	< 80 mA
Kurzschlussfest	Short circuit protection	Protégé contre courts-circuits	ja / yes / oui
Verpolungsfest	Reverse polarity protection	Protégé contre inversion de polarité	ja / yes / oui *
Arbeitstemperaturbereich	Operating temperature range	Température en service	0...50 °C
Schutzklasse	Protection class	Classe de protection	IP 67
Temperaturdrift	Temperature drift	Dérive en température	< 0,1 % Sde/K

Siehe Betriebsanleitung auf www.baumer.com See manual on www.baumer.com

Voir le manuel sur www.baumer.com

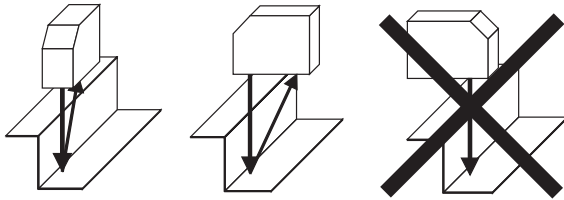


* nur Betriebsspannung / voltage supply only / plage de tension

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

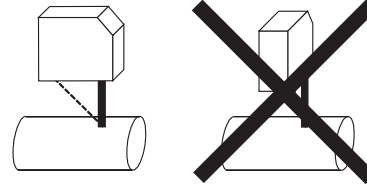
Montage
Mounting
Montage

Stufen
Steps
Gradins

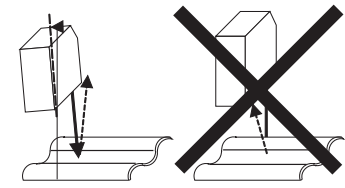


Alarm ON

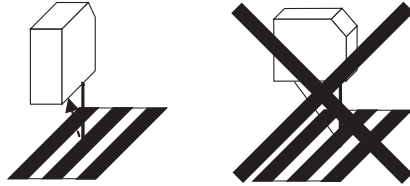
Runde, glänzende Oberflächen
Round glossy surfaces
Surfaces ronds brillantes



Glänzende Oberflächen
Glossy surfaces
Surfaces brillantes



Unterschiedlich reflektierende Oberflächen
Different reflection of surfaces
Surfaces differemment réfléchissantes



Einwirkung Fremdlicht
Effect of ambient light
Influence lumière ambiante

