Magnetische Geber
Magnet encoder
Detecteur magnétique

MDRM 18U9505/C360

Lineares Ausgangssignal

Linear output signal

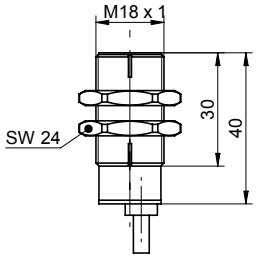
Sortie linéaire

10166033

Baumer

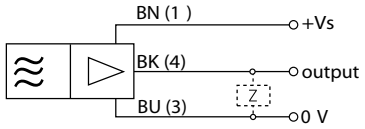
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Abmessungen
Dimensions
Dimensions



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

Elektrischer Anschluss
Connection diagram
Schéma de raccordement



BN = Braun / brown / brun
BK = Schwarz / black / noir
BU = Blau / blue / bleu

- 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*	
Betriebsspannungsbereich (UL-Class 2)	Voltage supply range (UL-Class 2)	Plage de tension (UL-Class 2)	4,7...7,5 VDC
Stromaufnahme	Current consumption	Consommation	< 10 mA
Lastwiderstand	Load resistance	Résistance de charge	> 1000 Ohm
Ausgangssignal	Output signal	Signal de sortie	0...4,3 VDC
Kurzschlussfest	Short circuit protection	Protégé contre courts-circuits	ja/yes/oui
Verpolungsfest	Reverse polarity protection	Protégé contre inversion polarité	Nein/no/non
Arbeitstemperatur	Operating temperature	Température de fonctionnement	-40...+85°C
Schutzart	Protection class	Classe de protection	IP 67
Gehäusematerial	Housing material	Matériau de boîtier	Messing vernickelt/brass nickel plated
Material aktive Fläche	Material active face	Matériau face active	PBTP
Drehwinkelbereich	Angular range	Plage angulaire	360°
Arbeitsabstand	Working distance	Portée max.	5 mm, magnet 11052886
Axialer Versatz max.	Axial misalignment max.	Désalignement axial max.	0,4 mm
Auflösung	Résolution	Résolution	0,09°
System-Genauigkeit	System accuracy	Précision de système	+-0,25%

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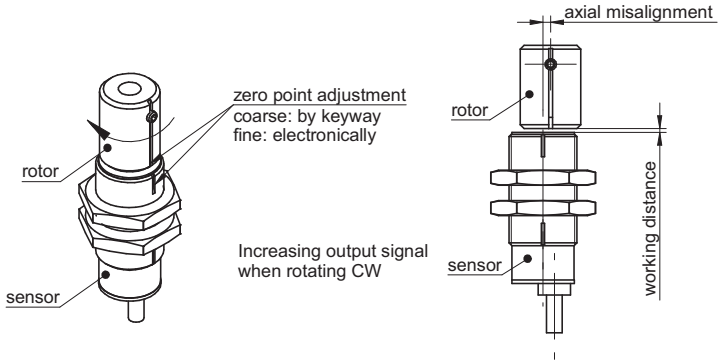
Technische Änderungen vorbehalten/Technical specifications subject to change/Sous réserve de modifications techniques

Montage
Mounting
Assemblage

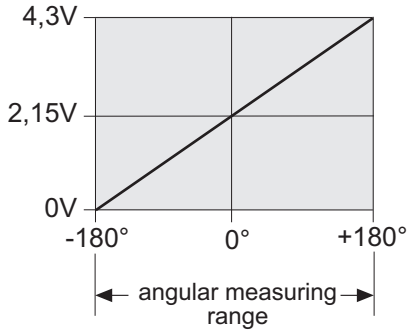
Der Sensor muss in definierter Stellung montiert werden. Grobe Nullpunktjustierung über die Kerbe, fein über die Folgeelektronik. Das Ausgangssignal wird durch Drehung im Uhrzeigersinn erhöht.

The sensor must be mounted in the specified orientation. Coarse zero point adjustment by keyway, fine electronically. Increasing output signal when rotating clockwise.

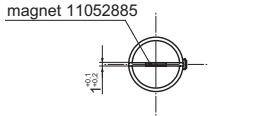
Le détecteur magnétique doit être monté dans une position définie. Ajustement du point zéro grossier: au moyen de la rainure de codage, fin: électrinique de suivi. Signal de sortie progressant pour sens de rotation des aiguilles d'une montre.

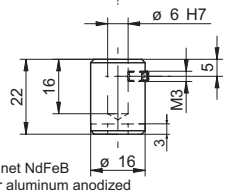


Ausgangssignale
Output sequences
Sequence de sortie



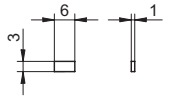
Zubehör
Accessories
Accessoires





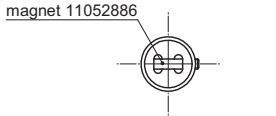
magnet NdFeB
rotor aluminum anodized

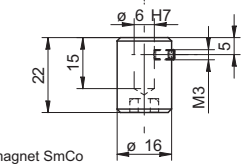
11052887	rotor



magnet content: NdFeB 10 pcs.

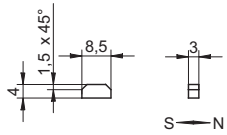
11052885	single magnet





magnet SmCo
rotor aluminum anodized

11016706	rotor



magnet content: SmCo 10 pcs.

11052886	single magnet

Allgemeine Hinweise
General informations
Informations générales