

# IWFM 18L9505/S35A

Distanz messend

Distance measuring

Mesure de distances

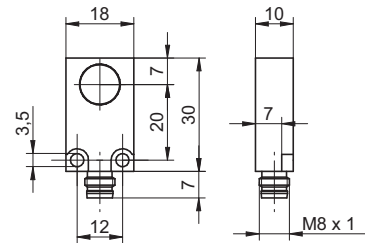


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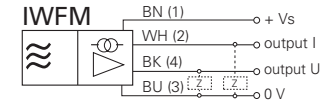
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## Abmessungen Dimensions Dimensions

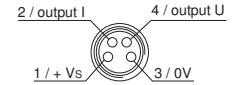


- Alle Masse in mm
- All dimensions in mm
- Toutes les dimensions en mm

## Elektrischer Anschluss Connection diagram Schéma de raccordement



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



- 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.

Empfohlene Montage für optimale Messergebnisse  
Recommended setup for optimal results  
Configuration recommandée pour des résultats optimaux

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## Technische Daten

## Technical data

## Données techniques

Messdistanz Sd	Measuring distance Sd	Distance de mesure Sd	0...4 mm
Einbauart	Mounting type	Type de montage	bündig/flush/noyé
Ausgangssignal	Output signal	Signal de sortie	0...10 VDC / 4...20 mA
Betriebsspannungsbereich (UL-Class 2)	Voltage supply range (UL-Class 2)	Plage de tension (UL-Class 2)	15...30 VDC
Stromaufnahme max. (ohne Last)	Current consumption max. (no load)	Consommation max. (sans charge)	40 mA
Lastwiderstand @ +Vs min./+Vs max.	Load resistance @ +Vs min./+Vs max.	Résistance de charge @ +Vs min./+Vs max.	>1kOhm(Uout)/0,33...1kOhm(Iout)
Kurzschlussfest	Short circuit protection	Protégé contre courts-circuits	ja/yes/oui
Verpolungsfest	Reverse polarity protection	Protégé contre inversion polarité	ja/yes/oui
Material (aktive Fläche)	Material (sensing face)	Matériau (face active)	PBT
Gehäusematerial	Housing material	Matériau du boîtier	Brass nickel-plated
Arbeitstemperatur	Operating temperature	Température de fonctionnement	-10...+70°C
Schutzklasse	Protection class	Classe de protection	IP67

**Montage**

Hinweis zur elektromagnetischen Verträglichkeit:  
Geschirmtes Anschlusskabel empfohlen  
Bestellbezeichnung ESG 32AH0500G oder ESW 31AH0500G

**Mounting**

Note to electromagnetic compatibility:  
Shielded cable recommended  
Order reference ESG 32AH0500G or ESW 31AH0500G

**Montage**

Note à la compatibilité électromagnétique:  
Câble blindé recommandé  
Références de commande ESG 32AH0500G ou ESW 31AH0500G