Gesamtbedienungsanleitung

Für
IEW58*4096 TTL ME 5M + ULR

Material Nr.
210-00025

Generiert am
15.11.2026

Abb. ähnlich

Enthält Originalbedienungsanleitung

Dokumentationsabschnitte

Konformitätserklärung de/en EU-Konformitätserklärung ECE (EMV+RoHS)	TR-ECE-KE-DGB-0374v08.pdf
Konformitätserklärung de/en UKCA, Konformitätserkl. ECE (EMV+RoHS)	TR-ECE-KE-GB-0375v07.pdf
Technische Daten	

Änderungen vorbehalten.

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78647 Trossingen
Tel. +49 (0) 7425 228-0
info@tr-electronic.de
www.tr-electronic.de

EU-Konformitätserklärung / *EU Declaration of Conformity*

Die in der angehängten Gültigkeitsliste aufgeführten Rotativ Mess-Systeme wurde entwickelt, konstruiert und gefertigt in Übereinstimmung der folgenden EU-Richtlinien bzw. EU-Verordnungen:

The rotary measuring systems listed in the attached list of validity have been developed, designed and manufactured in accordance with the following EU directives and EU regulations:

Elektromagnetische Verträglichkeit (EMV) *Electromagnetic Compatibility (EMC)*	**2014/30/EU (L 96/79)**
Beschränkung der Verwendung bestimmter gefährlicher Stoffe in Elektro- und Elektronikgeräten (RoHS) *Restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)*	**2011/65/EU (L 174/88)**
Cybersicherheitsanforderungen - Verordnung (CRA) *Cyber Resilience Act - Regulation (CRA)*	**(EU) 2024/2847 (L)**

in alleiniger Verantwortung von / *under the sole responsibility of*:

TR Electronic GmbH
Eglishalde 6
D - 78647 Trossingen
Tel.:+49 7425/228-0
E-Mail: info@tr-electronic.de
Deutschland / *Germany*

Folgende harmonisierte Normen wurden angewandt / *The following harmonized standards were applied*:

Fachgrundnorm Elektromagnetische Verträglichkeit, Störfestigkeit (Industriebereich) *Generic standards - Electromagnetic compatibility, Immunity (Industrial environments)*	**EN 61000-6-2:2005/AC:2005**
Fachgrundnorm Elektromagnetische Verträglichkeit, Störaussendung (Wohnbereich) *Generic standards - Electromagnetic compatibility, Emissions (Commercial environments)*	**EN 61000-6-3:2007/A1:2011**
Technische Dokumentation zur Beurteilung von Elektro- und Elektronikgeräten hinsichtlich der Beschränkung gefährlicher Stoffe *Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances*	**EN IEC 63000:2018**

Sonstige angewandte Normen und Technische Richtlinien / *Other applied standards and technical guidelines*:

Anforderungen an die Cybersicherheit für Hersteller und Produkte - Teil 1: Allgemeine Anforderungen *Cyber Resilience Requirements for Manufacturers and Products - Part 1: General requirements*	**BSI TR-03183-1, Version 0.10.0**
Anforderungen an die Cybersicherheit für Hersteller und Produkte - Teil 2: Spezifikation der Software-Komponenten *Cyber Resilience Requirements for Manufacturers and Products - Part 2: Software Bill of Materials*	**BSI TR-03183-2, Version 2.1.0**
Anforderungen an die Cybersicherheit für Hersteller und Produkte - Teil 3: Sicherheitslückenberichte und Sicherheitsmeldungen *Cyber Resilience Requirements for Manufacturers and Products - Part 3: Vulnerability Reports and Notifications*	**BSI TR-03183-3, Version 1.0.0**
Cybersicherheitsanforderungen für Produkte mit digitalen Bestandteilen - Teil 1-3: Umgang mit Schwachstellen *Cybersecurity requirements for products with digital elements - Part 1-3: Vulnerability Handling*	**prEN 40000-1-3:2025**

Trossingen, 07/02/2026

Klaus Tessari, Geschäftsleitung / CEO

Gültigkeitsliste / *List of validity*

Baugröße / *Size*: 20

Order No.: 240-xxxxx
Type: IH20

Baugröße / *Size*: 22

Order No.: CMV22x-xxxxx, CMV22x-xxxxx, 0000-xxxxx, 0002-xxxxx
Type: CMV22, CMW22

Baugröße / *Size*: 24

Order No.: 209-xxxxx
Type: IEV24, IES24

Baugröße / *Size*: 36

Order No.: Cxx36x-xxxxx, 0000-xxxxx
Type: CEV36, CES36, COV36, COS36, CDV36, CDF36, CMV36, CMS36, CMF36

Order No.: Ixx36x-xxxxx
Type: IMV36, IMS36, IMF36

Order No.: Cxx362x-xxxxx
Type: CEV362, CES362, CEK362, CEW362, COV362, COS362, COK362, COW362, CMV362, CMS362, CMK362, CMW362

Baugröße / *Size*: 38

Order No.: IEV38H-xxxxx
Type: IEV38H

Baugröße / *Size*: 48

Order No.: 156-xxxxx
Type: MG48M

Baugröße / *Size*: 51

Order No.: 0000-xxxxx
Type: CMV51

Baugröße / *Size*: 58

Order No.: Cxx58x-xxxxx, 0042-xxxxx, 0062-xxxxx, 0000-xxxxx, 0002-xxxxx
Type: CEV58, CES58, CEH58, CEK58, CEW58, CDV58, CDS58, CDH58, CDK58, CDW58, CMV58, CMS58, CMH58, CMK58, CMW58, COV58, COS58, COH58, COK58, COW58, CPV58, CPS58, CPH58, CPK58, CPW58

Order No.: Cxx582x-xxxxx, 0062-xxxxx, 0000-xxxxx, 0002-xxxxx
Type: CMV582, CMS582, CMK582, CMW582, CEV582, CES582, CEH582, CEK582, CEW582, COV582, COS582, COH582, COK582, COW582, CPV582, CPS582, CPH582, CPK582, CPW582, CRV582, CRS582, CRH582, CRK582, CRW582, CDW582

Order No.: Ixx58-xxxxx, Ixx58H-xxxxx, Ixx58F-xxxxx
Type: IEV58, IES58, IEH58, IEK58, IEW58, IDV58, IDS58, IDH58, IDK58, IDW58, IMV58, IMS58, IMH58, IMK58, IMW58, IOV58, IOS58, IOH58, IOK58, IOW58, IPV58, IPS58, IPH58, IPK58, IPW58, IRS58, IRV58

Order No.: Ixx582-xxxxx, 0000-xxxxx
Type: IEV582, IES582, IEH582, IEK582, IEW582, IOV582, IOS582, IOH582, IOK582, IOW582, IPV582, IPS582, IPH582, IPK582, IPW582, IRS582, IRV582

Order No.: 5800-xxxxx, 5802-xxxxx, 5820-xxxxx, 5822-xxxxx, 5832-xxxxx, 5840-xxxxx, 5842-xxxxx, 5844-xxxxx, 5852-xxxxx, 5862-xxxxx, 0062-xxxxx, 0000-xxxxx, 0002-xxxxx, 0022-xxxxx
Type: CE58, CS58, CH58, CK58, ME58

Order No.: 210-xxxxx, 219-xxxxx, 242-xxxxx, 5810-xxxxx, 5812-xxxxx, 5830-xxxxx, 5850-xxxxx, 5870-xxxxx
Type: IE58, IV58, IS58, IH58, IK58

Order No.: 174-xxxxx, 180-xxxxx
Type: ZE58, ZI58

Order No.: HEx58x-xxxxx
Type: HEV58, HES58, HEH58, HEK58, HEW58

Order No.: 207-xxxxx
Type: HE58S

Baugröße / *Size*: 60

Order No.: 0000-xxxxx
Type: FMV60

Baugröße / *Size*: 62

Order No.: IEV62-xxxxx
Type: IEV62

Baugröße / *Size*: 65

Order No.: 110-xxxxx, 111-xxxxx, 113-xxxxx, 114-xxxxx, 121-xxxxx, 122-xxxxx, 0062-xxxxx, 0002-xxxxx, 0022-xxxxx
Type: CE65, CK65, CS65

Order No.: Cxx65x-xxxxx, 0062-xxxxx, 0000-xxxxx, 0002-xxxxx
Type: CEV65, CES65, CEH65, CEK65, CEW65, CDV65, CDS65, CDH65, CDK65, CDW65, CMV65, CMS65, CMH65, CMK65, CMW65, COV65, COS65, COH65, COK65, COW65, CXV65, CXS65, CXH65, CXK65, CXW65

Order No.: 6500-xxxxx, 6502-xxxxx, 6520-xxxxx, 6522-xxxxx, 6540-xxxxx, 6542-xxxxx, 6560-xxxxx, 6562-xxxxx
Type: XE65, XS65, XH65, XK65

Order No.: 118-xxxxx, 119-xxxxx, 170-xxxxx, 171-xxxxx, 175-xxxxx, 176-xxxxx
Type: ZK65, ZE65, ZH65

Order No.: 116-xxxxx, 117-xxxxx, 126-xxxxx, 127-xxxxx, 205-xxxxx, 206-xxxxx
Type: HK65, HS65, HE65

Order No.: HEx65x-xxxxx, 0062-xxxxx
Type: HEV65, HES65, HEH65, HEK65, HEW65

Baugröße / *Size*: 70

Order No.: 0000-xxxxx
Type: IES70

Baugröße / *Size*: 75 (nicht sicherheitsgerichtet / *not safety-related*)

Order No.: CDV75M-xxxxx, CDH75M-xxxxx, CDW75M-xxxxx
Type: CDV75M, CDH75M, CDW75M

Order No.: 155-xxxxx
Type: MG75M

Baugröße / *Size*: 76

Order No.: 243-xxxxx
Type: IH76A

Baugröße / *Size*: 80, 81

Order No.: CEH80x-xxxxx, COH80x-xxxxx
Type: CEH80, COH80

Order No.: CES80x-xxxxx, COS80x-xxxxx
Type: CES80, COS80

Order No.: CEH802x-xxxxx, COH802x-xxxxx
Type: CEH802, COH802

Order No.: CES802x-xxxxx, COS802x-xxxxx
Type: CES802, COS802

Order No.: IEH80-xxxxx
Type: IEH80

Order No.: 260-xxxxx, 261-xxxxx
Type: ZH80, ZH81

Order No.: Qxx8xx-xxxxx
Type: QEH80, QDH80, QEH81, QDH81, QXH80, QXH81

Baugröße / *Size*: 84

Order No.: Cxx84x-xxxxx
Type: CEV84, CEW84, COV84

Order No.: Cxx842x-xxxxx
Type: CMV842, CMW842, CEV842, CEW842, COV842, COW842, CPV842, CPW842, CDV842, CDW842

Order No.: IEV84-xxxxx
Type: IEV84

Baugröße / *Size*: 99

Order No.: Ix99-xxxxx
Type: IS99, IV99

Baugröße / *Size*: 100

Order No.: 100-xxxxx, 101-xxxxx, 102-xxxxx, 103-xxxxx, 105-xxxxx
Type: CE100

Order No.: 200-xxxxx, 203-xxxxx
Type: AE100

Order No.: CEx100x-xxxxx
Type: CEV100, CES100, CEH100
Order No.: 201-xxxxx, 202-xxxxx
Type: HE100

Order No.: HEx100x-xxxxx
Type: HEV100, HES100, HEH100

Order No.: 172-xxxxx, 173-xxxxx
Type: ZE100, ZE115

Order No.: 235-xxxxx
Type: IE100, IE101

Order No.: IEx100-xxxxx
Type: IEV100, IES100, IEH100

Baugröße / *Size*: 110

Order No.: CEH110x-xxxxx, COH110x-xxxxx
Type: CEH110, COH110

Order No.: CEH1102x-xxxxx, COH1102x-xxxxx
Type: CEH1102, COH1102

Baugröße / *Size*: 115

Order No.: CEV115x-xxxxx, CEW115x-xxxxx, CDV115x-xxxxx, CDW115x-xxxxx, COV115x-xxxxx, COW115x-xxxxx
Type: CEV115, CEW115, CDV115, CDW115, COV115, COW115

Order No.: Cxx1152x-xxxxx, 0002-xxxxx
Type: CMV1152, CMW1152, CEV1152, CEW1152, COV1152, COW1152, CPV1152, CPW1152, CDV1152, CDW1152, CRV1152

Baugröße / *Size*: 120

Order No.: 245-xxxxx
Type: IH120A

Baugröße / *Size*: 130, 131

Order No.: IxH130-xxxxx
Type: IEH130, IOH130, IDH130

Order No.: IxH1302-xxxxx
Type: IEH1302, IOH1302

Order No.: IxH131-xxxxx
Type: IRH131

Schnittstellenbox / *Interface box*:

Order No.: CIB2X-xxxxx
Type: CIB2X

Schnittstellenbox / *Interface box*:

Order No.: CMB2X-xxxxx
Type: CMB2X

UK Declaration of Conformity

The rotary measuring systems listed in the attached list of validity have been developed, designed and manufactured in accordance with the UK statutory instruments and their amendments:

The Electromagnetic Compatibility Regulations 2016	**S.I. 2016 No. 1091**
The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012	**S.I. 2012 No. 3032**

under the sole responsibility of the manufacturer:

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Tel.:+49 7425/228-0
E-Mail: info@tr-electronic.de
Germany

Name and address of authorised representative:

TR Electronic Ltd.
2 Barford Exchange
Wellesbourne Road
GB – Barford, Warwick, Warwickshire CV35 8AQ
Tel.:+44 1926 75 41 41
E-Mail: info@tr-electronic.co.uk

The following designated standards were applied:

Generic standards - Electromagnetic compatibility, Immunity (Industrial environments)	**EN 61000-6-2:2005/AC:2005**
Generic standards - Electromagnetic compatibility, Emissions (Commercial environments)	**EN 61000-6-3:2007/A1:2011**
Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances	**EN IEC 63000:2018**

Trossingen, 13/02/2026

Mr. Klaus Tessari, CEO

List of validity

Size: 20

Order No.: 240-xxxxx
Type: IH20

Size: 22

Order No.: CMV22x-xxxxx, CMV22x-xxxxx, 0000-xxxxx, 0002-xxxxx
Type: CMV22, CMW22

Size: 24

Order No.: 209-xxxxx
Type: IEV24, IES24

Size: 36

Order No.: Cxx36x-xxxxx, 0000-xxxxx
Type: CEV36, CES36, COV36, COS36, CDV36, CDF36, CMV36, CMS36, CMF36

Order No.: Ixx36x-xxxxx
Type: IMV36, IMS36, IMF36

Order No.: Cxx362x-xxxxx
Type: CEV362, CES362, CEK362, CEW362, COV362, COS362, COK362, COW362, CMV362, CMS362, CMK362, CMW362

Size: 38

Order No.: IEV38H-xxxxx
Type: IEV38H

Size: 48

Order No.: 156-xxxxx
Type: MG48M

Size: 51

Order No.: 0000-xxxxx
Type: CMV51

Size: 58

Order No.: Cxx58x-xxxxx, 0042-xxxxx, 0062-xxxxx, 0000-xxxxx, 0002-xxxxx
Type: CEV58, CES58, CEH58, CEK58, CEW58, CDV58, CDS58, CDH58, CDK58, CDW58, CMV58, CMS58, CMH58, CMK58, CMW58, COV58, COS58, COH58, COK58, COW58, CPV58, CPS58, CPH58, CPK58, CPW58

Order No.: Cxx582x-xxxxx, 0062-xxxxx, 0000-xxxxx, 0002-xxxxx
Type: CMV582, CMS582, CMK582, CMW582, CEV582, CES582, CEH582, CEK582, CEW582, COV582, COS582, COH582, COK582, COW582, CPV582, CPS582, CPH582, CPK582, CPW582, CRV582, CRS582, CRH582, CRK582, CRW582, CDW582

Order No.: Ixx58-xxxxx, Ixx58H-xxxxx, Ixx58F-xxxxx
Type: IEV58, IES58, IEH58, IEK58, IEW58, IDV58, IDS58, IDH58, IDK58, IDW58, IMV58, IMS58, IMH58, IMK58, IMW58, IOV58, IOS58, IOH58, IOK58, IOW58, IPV58, IPS58, IPH58, IPK58, IPW58, IRS58, IRV58

Order No.: Ixx582-xxxxx, 0000-xxxxx
Type: IEV582, IES582, IEH582, IEK582, IEW582, IOV582, IOS582, IOH582, IOK582, IOW582, IPV582, IPS582, IPH582, IPK582, IPW582, IRS582, IRV582

Order No.: 5800-xxxxx, 5802-xxxxx, 5820-xxxxx, 5822-xxxxx, 5832-xxxxx, 5840-xxxxx, 5842-xxxxx, 5844-xxxxx, 5852-xxxxx, 5862-xxxxx, 0062-xxxxx, 0000-xxxxx, 0002-xxxxx, 0022-xxxxx
Type: CE58, CS58, CH58, CK58, ME58

Order No.: 210-xxxxx, 219-xxxxx, 242-xxxxx, 5810-xxxxx, 5812-xxxxx, 5830-xxxxx, 5850-xxxxx, 5870-xxxxx
Type: IE58, IV58, IS58, IH58, IK58

Order No.: 174-xxxxx, 180-xxxxx
Type: ZE58, ZI58

Order No.: HEx58x-xxxxx
Type: HEV58, HES58, HEH58, HEK58, HEW58

Order No.: 207-xxxxx
Type: HE58S

Size: 60

Order No.: 0000-xxxxx
Type: FMV60

Size: 62

Order No.: IEV62-xxxxx
Type: IEV62

Size: 65

Order No.: 110-xxxxx, 111-xxxxx, 113-xxxxx, 114-xxxxx, 121-xxxxx, 122-xxxxx
0062-xxxxx, 0002-xxxxx, 0022-xxxxx
Type: CE65, CK65, CS65

Order No.: Cxx65x-xxxxx, 0062-xxxxx, 0000-xxxxx, 0002-xxxxx
Type: CEV65, CES65, CEH65, CEK65, CEW65, CDV65, CDS65, CDH65, CDK65, CDW65, CMV65, CMS65, CMH65, CMK65, CMW65, COV65, COS65, COH65, COK65, COW65, CXV65, CXS65, CXH65, CXK65, CXW65

Order No.: 6500-xxxxx, 6502-xxxxx, 6520-xxxxx, 6522-xxxxx, 6540-xxxxx, 6542-xxxxx, 6560-xxxxx, 6562-xxxxx
Type: XE65, XS65, XH65, XK65

Order No.: 118-xxxxx, 119-xxxxx, 170-xxxxx, 171-xxxxx, 175-xxxxx, 176-xxxxx
Type: ZK65, ZE65, ZH65

Order No.: 116-xxxxx, 117-xxxxx, 126-xxxxx, 127-xxxxx, 205-xxxxx, 206-xxxxx
Type: HK65, HS65, HE65

Order No.: HEx65x-xxxxx, 0062-xxxxx
Type: HEV65, HES65, HEH65, HEK65, HEW65

Size: 70

Order No.: 0000-xxxxx
Type: IES70

Size: 75 (not safety-related)

Order No.: CDV75M-xxxxx, CDH75M-xxxxx, CDW75M-xxxxx
Type: CDV75M, CDH75M, CDW75M

Order No.: 155-xxxxx
Type: MG75M

Size: 76

Order No.: 243-xxxxx
Type: IH76A

Size: 80, 81

Order No.: CEH80x-xxxxx, COH80x-xxxxx
Type: CEH80, COH80

Order No.: CES80x-xxxxx, COS80x-xxxxx
Type: CES80, COS80

Order No.: CEH802x-xxxxx, COH802x-xxxxx
Type: CEH802, COH802

Order No.: CES802x-xxxxx, COS802x-xxxxx
Type: CES802, COS802

Order No.: IEH80-xxxxx
Type: IEH80

Order No.: 260-xxxxx, 261-xxxxx
Type: ZH80, ZH81

Order No.: Qxx8xx-xxxxx
Type: QEH80, QDH80, QEH81, QDH81, QXH80, QXH81

Size: 84

Order No.: Cxx84x-xxxxx
Type: CEV84, CEW84, COV84

Order No.: Cxx842x-xxxxx
Type: CMV842, CMW842, CEV842, CEW842, COV842, COW842, CPV842, CPW842, CDV842, CDW842

Order No.: IEV84-xxxxx
Type: IEV84

Size: 99

Order No.: Ix99-xxxxx
Type: IS99, IV99

Size: 100

Order No.: 100-xxxxx, 101-xxxxx, 102-xxxxx, 103-xxxxx, 105-xxxxx
Type: CE100

Order No.: 200-xxxxx, 203-xxxxx
Type: AE100

Order No.: CEx100x-xxxxx
Type: CEV100, CES100, CEH100

Order No.: 201-xxxxx, 202-xxxxx
Type: HE100

Order No.: HEx100x-xxxxx
Type: HEV100, HES100, HEH100

Order No.: 172-xxxxx, 173-xxxxx
Type: ZE100, ZE115

Order No.: 235-xxxxx
Type: IE100, IE101

Order No.: IEx100-xxxxx
Type: IEV100, IES100, IEH100

Size: 110

Order No.: CEH110x-xxxxx, COH110x-xxxxx
Type: CEH110, COH110

Order No.: CEH1102x-xxxxx, COH1102x-xxxxx
Type: CEH1102, COH1102

Size: 115

Order No.: CEV115x-xxxxx, CEW115x-xxxxx, CDV115x-xxxxx, CDW115x-xxxxx, COV115x-xxxxx, COW115x-xxxxx
Type: CEV115, CEW115, CDV115, CDW115, COV115, COW115

Order No.: Cxx1152x-xxxxx, 0002-xxxxx
Type: CMV1152, CMW1152, CEV1152, CEW1152, COV1152, COW1152, CPV1152, CPW1152, CDV1152, CDW1152, CRV1152

Size: 120

Order No.: 245-xxxxx
Type: IH120A

Size: 130, 131

Order No.: IxH130-xxxxx
Type: IEH130, IOH130, IDH130

Order No.: IxH1302-xxxxx
Type: IEH1302, IOH1302

Order No.: IxH131-xxxxx
Type: IRH131

***Interface box*:**

Order No.: CIB2X-xxxxx
Type: CIB2X

***Interface box*:**

Order No.: CMB2X-xxxxx
Type: CMB2X

IEW58*4096 TTL ME 5M + ULR

Ref.: 210-00025
15.11.2026
010103020105001158

Abb. ähnlich

Vorteile
_ Einfache Montage (Nutensteine)
_ Hohe Betriebssicherheit
_ Hohe Messgenauigkeit
_ Robustes ALU-Profil-Gehäuse
_ Standard Anwendungen
_ Umlenkrolle anbaubar

Technische Daten zu 210-00025

IMPULSZAHL	4096
PARAMETRIERBAR	NEIN
SLG-BAUREIHE	P115O
SLG-SEILLAENGE	5000 mm
SCHNITTSTELLE	INKREMENTAL
SLG-UEBERSETZUNG	315.60...316,00 mm/Umdr.
KANALZAHL	(K1/K2)+NEG
SLG-LINEARITAET	+/-0,02% (Tol. bei 0-1m: ±5mm)
NULLIMPULS	K0+NEG
SLG-WELLENAUSFUEHRUNG	12GL/24
SLG-GEHAEUSEMATERIAL	ALUMINIUM
VERSORGUNGSSPANNUNG	4,75V-30V
AUSGANGSPEGEL	TTL

Änderungen vorbehalten.

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IEW58*4096 TTL ME 5M + ULR

Ref.: 210-00025
15.11.2026
010103020105001158

Technische Daten zu 210-00025

SLG-TEMPERATURBEREICH	-20°C..+80°C
	-30°C..+70°C
SCHUTZART	IP65
SLG-SCHUTZART	IP54 / IP65 AUSTRITT UNTEN
ARBEITSTEMPERATUR	-40+85°C
SLG-FEDERKRAFT	min.3N / max.7,5N
SLG-B10-WERT	450.000 bei 52.800 Zyklen p.a.
WELLENVARIANTE	WIRE
SLG-SEILDURCHMESSER	0,45 mm
SLG-AUSZUGSWINKEL	max. +/-3°
WELLENAUSFUEHRUNG	12H7 SACKHOHLWELLE
SLG-ABZUGSGESCHWINIGKEIT	6 m/s
ANSCHLUSSART	1X8P.M12-STECKER
SLG-SEILBESCHLEUNIGUNG	8 g
ANSCHLUSSRICHTUNG	STECKER SEITL. AM ROHR
SLG-UMLENKROLLE	JA, 1 ROLLE
SLG-EINSATZDAUER	max. 10 Jahre
STECKERBELEGUNGSNR	10584
GEGENSTECKER	NEIN
OPTION ENC	K2 VOR K1 BEI SEILAUSZUG
	ME-WDS-5000-P115-M 5,0M
	SEILLAENGENGEBER
	SLG MIT UMLENKROLLE
SLG-TROMMELUMFANG	230 mm
SLG-ARTNR	40730016
ZEICHNUNGSNR	04-210-M0008
AL:	N
ECCN:	N
UL-ZULASSUNGEN	USA+KANADA

Allgemeine Daten zu K-WDS-05000-115-2

Artikel-Nummer(n)	40730008, Standard
Gehäusebauform	□ 115 mm

Änderungen vorbehalten.

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IEW58*4096 TTL ME 5M + ULR

Ref.: 210-00025
15.11.2026
010103020105001158

Allgemeine Daten zu K-WDS-05000-115-2

Gehäusematerial	Aluminium eloxiert
Messlänge, Seilzug	5,00 m
Übersetzung	315,80 mm/Umdr.; Mittelwert
	Hinweis: Typenschild beachten!
Material, Mess-Seil	Edelstahl, Polyamid ummantelt
Seilaustrittswinkel	<= ±3 °
Seilposition gemäß Zeichnung	rechts
Linearität	± 0,02 % (Tol. bei 0…1m: ±5mm)
	bezogen auf den Messbereich
Abzugsgeschwindigkeit	<= 4 m/s
Seilbeschleunigung, typisch	59 m/s²
Federrückzugskraft	4…9 N
Optionsmöglichkeiten - Umlenkrolle	 einfach, Seilabzug geradlinig
- Umlenkrolle	doppelt, mit Richtungswechsel
Masse, typisch	1,4 kg

Umgebungsbedingungen

Vibration - Kennwert	 <= 196 m/s²
- Sinus	20…2000 Hz
Schock - Kennwert	 <= 490 m/s²
- Halbsinus	10 ms
Arbeitstemperatur - Standard	 -20…+80 °C
Lagertemperatur, trocken	-40…+80 °C
Schutzart - Standard	 IP65
- Hinweis	gemäß Einbauvorschrift

Änderungen vorbehalten.

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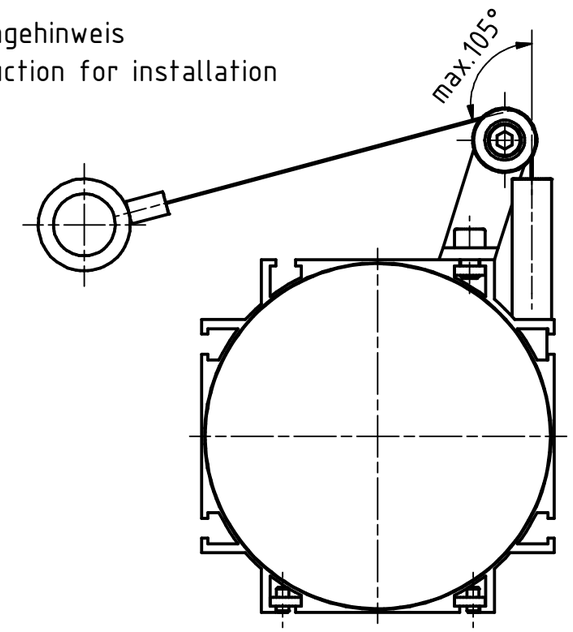
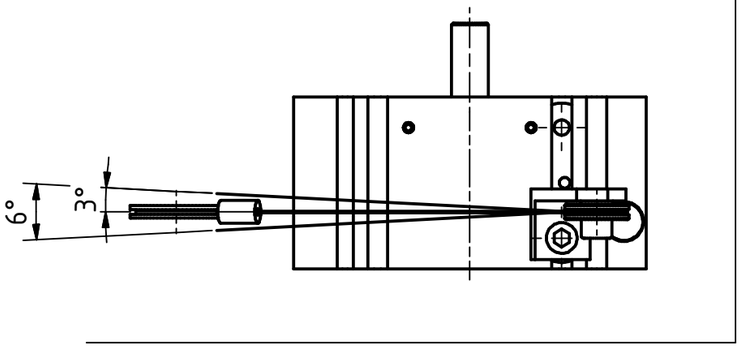
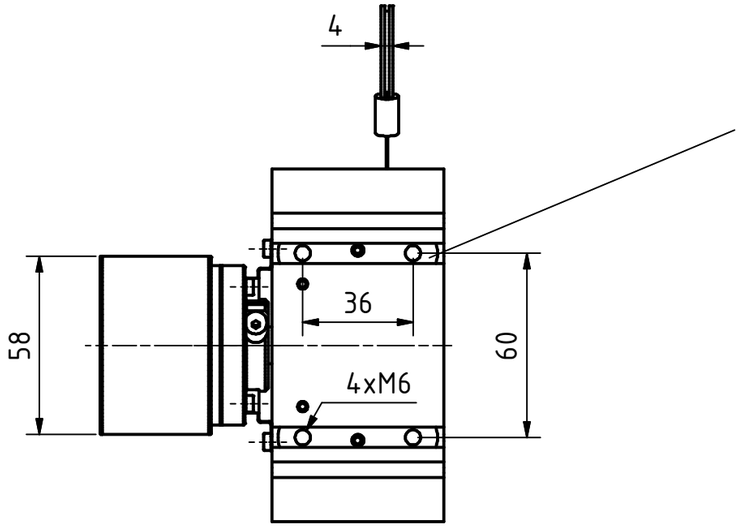
Montagehinweis
instruction for installation

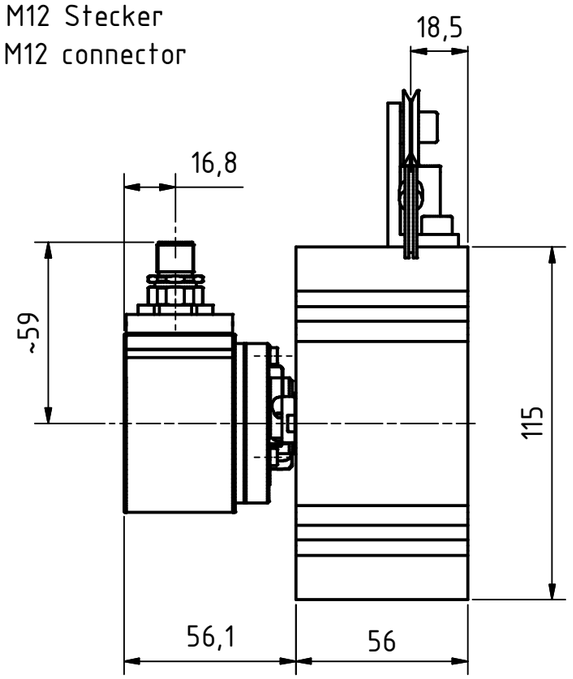


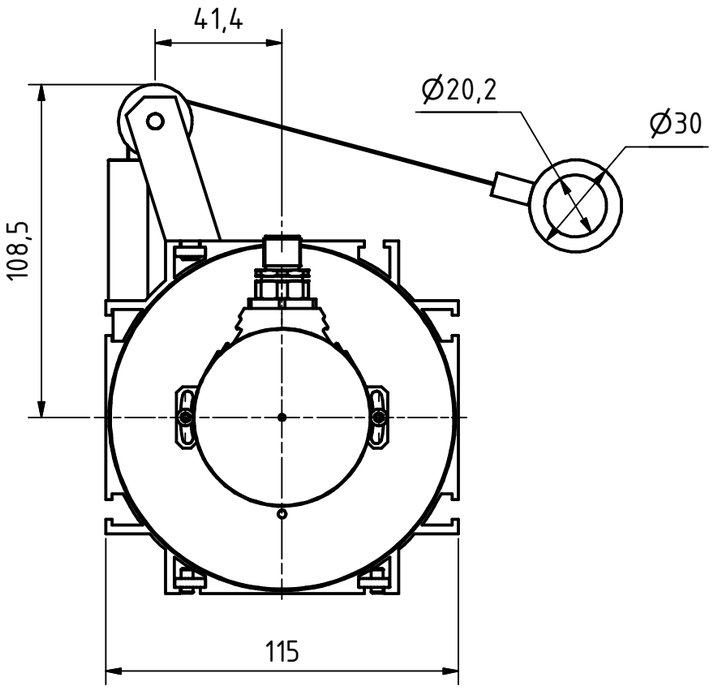




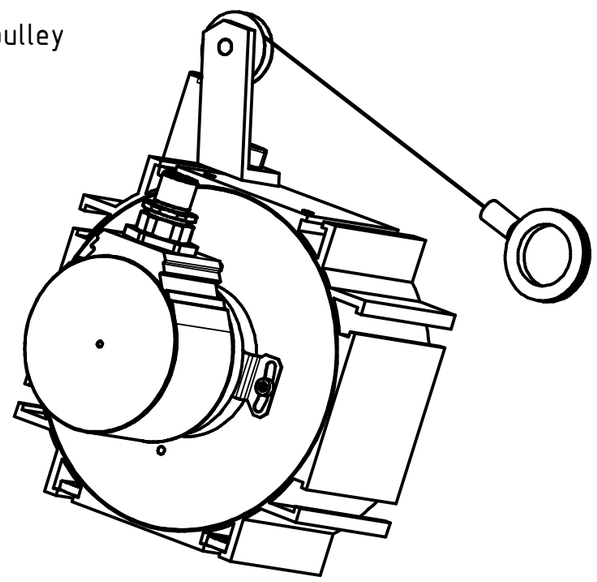
Nutenstein (2x)
in beliebiger Position/Seite eingeschoben
slot nut (2x)
slidable to any position/side

8pol. M12 Stecker
8pin. M12 connector





Umlenkrolle
deflection pulley



Öse, Messing
ear, brass

Artikel-Nr. und Steckerbelegung: siehe Datenblatt
Article-No. and pin connections: see data sheet

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	Datum	Name
Erstellt	08.01.2021	FLAIG
Bearb.	08.01.2021	FLAIG
Gepr.	08.01.2021	NEMECZ
Norm		

Zust.	Änderungen	Datum	Name

www.tr-electronic.de
DXF+Info:
info@tr-electronic.de

EDV-Nr.:

Tolerierung ISO 8015 | Maßstab 1 : 2 | DIN A3

Zeichungs-Nr. nur für diese Ausführung gültig
Drawing-No. only für this type valid

IEW-58, pull of rope encoder
ME, 5m rope

Zeichnungs-Nr.: / Drawing-No.: 04-210-M0008

Blatt 1 / 1 Bl

Dok.Art. IDW | Teil-Dok. 000 | Dok.Vs. 00

Pin assignment

Pin assignment number: 10584

Index:

13.01.2021

Connector name: 8-pol M12-Connector

Pin-count: 8

Pin	Designation	Description	Colour
1	CH_A_OUT	Channel A	-
2	/CH_A_OUT	Channel A inverted	-
3	CH_B_OUT	Channel B	-
4	/CH_B_OUT	Channel B inverted	-
5	CH_I_OUT	Channel Reference	-
6	/CH_I_OUT	Channel Reference inverted	-
7	Supply Voltage IN	Supply voltage	-
8	Ground IN	Ground	-

WARNING

'De-energize the system before carrying out wiring work or opening and closing electrical connections !
Short-circuits, voltage peaks, etc. can cause operating failures and uncontrolled operating states, as well as serious personal injuries and damage to property.

Verdrahtungsarbeiten, Öffnen und Schließen von elektrischen Verbindungen nur im spannungslosen Zustand durchführen ! Kurzschlüsse, Spannungsspitzen etc. können zur Fehlfunktion und unkontrollierten Zuständen der Anlage bzw. zu erheblichen Personen- und Sachschäden führen.
'