Gesamtbedienungsanleitung

Für
CMV22S*4096/1 ANA_U 1/4"X12

Material Nr.
CMV22S-00001

Generiert am
19.11.2026

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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Eglishalde 6
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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D - 78647 Trossingen
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

CMV22S*4096/1 ANA_U 1/4"X12

0,5 m Ltg. 0…10V

Ref.: CMV22S-00001
19.11.2026
010102002201010101

Abb. ähnlich

TRWin-Prog

Vorteile
- _ Ersatz für Potentiometer
- _ Kundenspezifische Lösungen
- _ Sehr kleine Bauform
- _ Weitere Schnittstellen

Technische Daten zu CMV22S-00001

SCHRITTZAHL	4.096,000
UMDREHUNGEN	1,000
SCHNITTSTELLE	ANALOG SPANNUNG
VERSORGUNGSSPANNUNG	14-30V
AUSGANGSPEGEL	0..10V
SCHUTZART	IP54
ARBEITSTEMPERATUR	0-60°C
FLANSCHART	M16X1
WELLENAUSFUEHRUNG	1/4"X12
ANSCHLUSSRICHTUNG	PG RADIAL
KABELLAENGE	0,500 m
STECKERBELEGUNGSNR	3982
OPTION ENC	AUSGANGSWERTE STEIGEND

Änderungen vorbehalten.

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CMV22S*4096/1 ANA_U 1/4"X12

0,5 m Ltg. 0…10V

Ref.: CMV22S-00001
19.11.2026
010102002201010101

Technische Daten zu CMV22S-00001

	ENDLOSPOTENTIOMETER 10V -> 0V
	LASTWIDERSTAND >= 20KOHM
	V/R
ZEICHNUNGSNR	04-CMV22S-M0001
VERSIONSNR	000
SOFTNR	43777C
DOKUMENTATIONS-NR	DOKUMENTE
AL:	N
ECCN:	N

Allgemeine Daten zu K-CMV22-A-1

Nennspannung - Kennwert	24 VDC
- Grenzwerte, min/max	14/30 VDC
Nennstrom, typisch - Kennwert	50 mA
- Zustand	ohne Last
Geräteausführung - Typ	Single-/Multi-Turn
Gesamtauflösung	<= 20 Bit
Schrittzahl pro Umdrehung	<= 4096
Anzahl Umdrehungen	<= 256
Genauigkeit	± 1,0 °
Analog - Schnittstelle - Spannung/Strom	programmierbar
- Auflösung	12 Bit D/A Wandler
- Spannungsausgang	0…+10 VDC
- Lastwiderstand (U)	>= 15 kOhm
- Stromausgang	0…24 mA
- Lastwiderstand (I)	<= 350 Ohm
Zykluszeit	500 µs
Parameter/Funktionen, änderbar	Auflösung
	Analog Spannung/Strom
	Preset-Parameter

Änderungen vorbehalten.

TR-Electronic GmbH
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CMV22S*4096/1 ANA_U 1/4"X12

0,5 m Ltg. 0…10V

Ref.: CMV22S-00001
19.11.2026
010102002201010101

Allgemeine Daten zu K-CMV22-A-1

	Zählrichtung
Parametrisierungsart	programmierbar
Programmier - Tool	TR-Soft: TRWinProg
Externe Eingänge - Funktions-Eingang	Zählrichtung oder Preset
- Parametrisierungsart	programmierbar
- Logischer Zustand	„0" < +2V, „1" = Versorgung
Maximal Drehzahl, mechanisch	<= 10000 1/min
Wellenbelastung, axial/radial	<= 10 N, <= 5 N
Lagerlebensdauer	>= 30E+9 Umdrehungen
Lagerlebensdauer - Beiwerte - Drehzahl	3000 1/min
- Betriebstemperatur	<= 25 °C
- Wellenbelastung, axial/radial	<= 5 N, <= 2,5 N
Angriffspunkt, Wellenbelastung	am Wellenende
Wellenausführung - Wellendurchmesser [mm]	6
- Wellendurchmesser ["]	1/4

Umgebungsbedingungen

Vibration - Kennwert	<= 100 m/s²
- Sinus	50…2000 Hz
Schock - Kennwert	<= 1000 m/s²
- Halbsinus	11 ms
Störfestigkeit	DIN EN 61000-6-2
Störaussendung	DIN EN 61000-6-3
Arbeitstemperatur - Standard	0…+60 °C
Lagertemperatur, trocken	0…+85 °C
Relative Luftfeuchte	95 %, keine Betauung
Schutzart - Standard	IP64

Änderungen vorbehalten.

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78647 Trossingen
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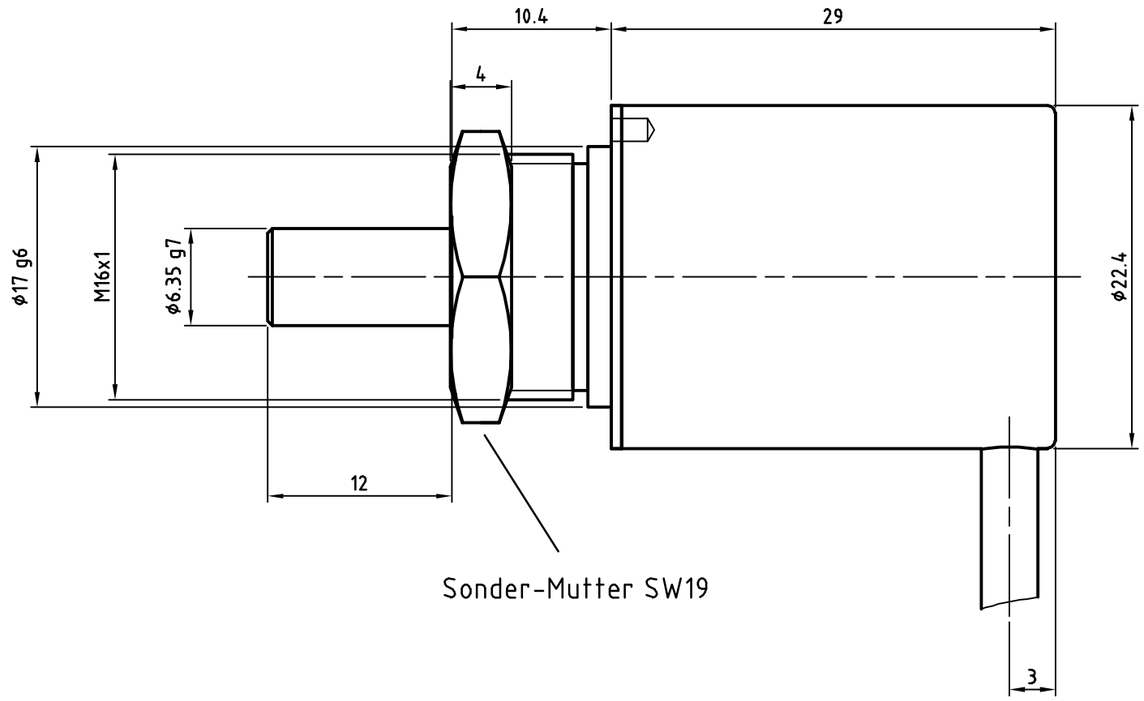
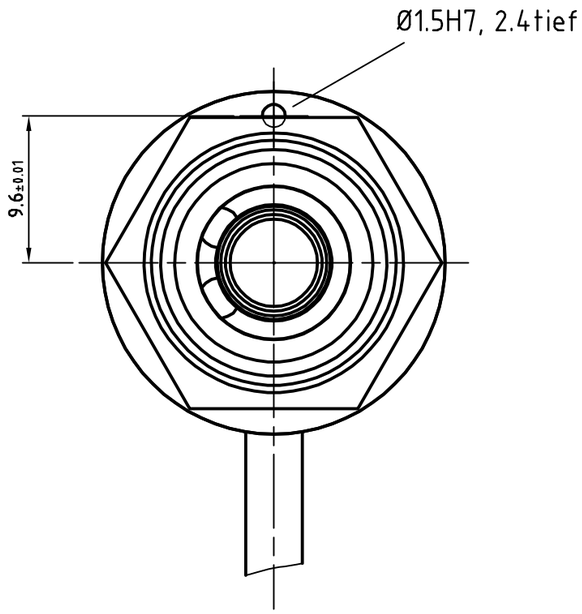
info@tr-electronic.de
www.tr-electronic.de





Zul. Wellenbelastung am Wellenende

$F_{ax.}$ =10 N; $F_{rad.}$ =20 N (L=3,9x10^{+9}Umdreh. / 200 U/min./ + 40°C)

zul. Drehzahl — max. 1000 U/min.

höhere Drehzahlen auf Anfrage

ø17	g6	-0.006 -0.017	16.994 16.983
ø6.35	g7	-0.005 -0.02	6.345 6.33
Dimensions	Tolerances		

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

TR Electronic GmbH
Eglishalde 6
78647 Trossingen
Telefon 07425/228-0

Zust.	Änderung	Datum	Name
1	Ø6.33g7 in Ø6.35g7	19.08.10	Flaig

	Datum	Name
Erstellt	07.05.2010	FLAIG
Bearb.	19.08.2010	FLAIG
Gepr.		
Norm		

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

Maßstab 2.5:1 DIN A3 | Projekt-Nr.:

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

CMV-22-S

Zeichnungs-NR../Drawing-No.: 04-CMV22S-M0001

Blatt 1 Bl

Pin assignment

Pin assignment number: 3982

Index:

13.01.2021

Connector name: with cable outlet

Pin-count: 7

Pin	Designation	Description	Colour
1	Analog_OUT	Analog output	yellow
2	Supply Voltage IN	Supply voltage	green
3	Ground IN	Ground	brown
4	Ser.Program+_IN/OUT	Ser. programming interface RS485	white
5	Ser.Program-_IN/OUT	Ser. programming interface RS485	gray
6	Analog-Ground	Analog-GND	blue
7	Direction IN	Change of counting direction	pink

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.
'