

## Wire length encoder

CEW58M\*4096/4096 V000 SSI ME2,5M

OrderNo.:CEW58M-00446

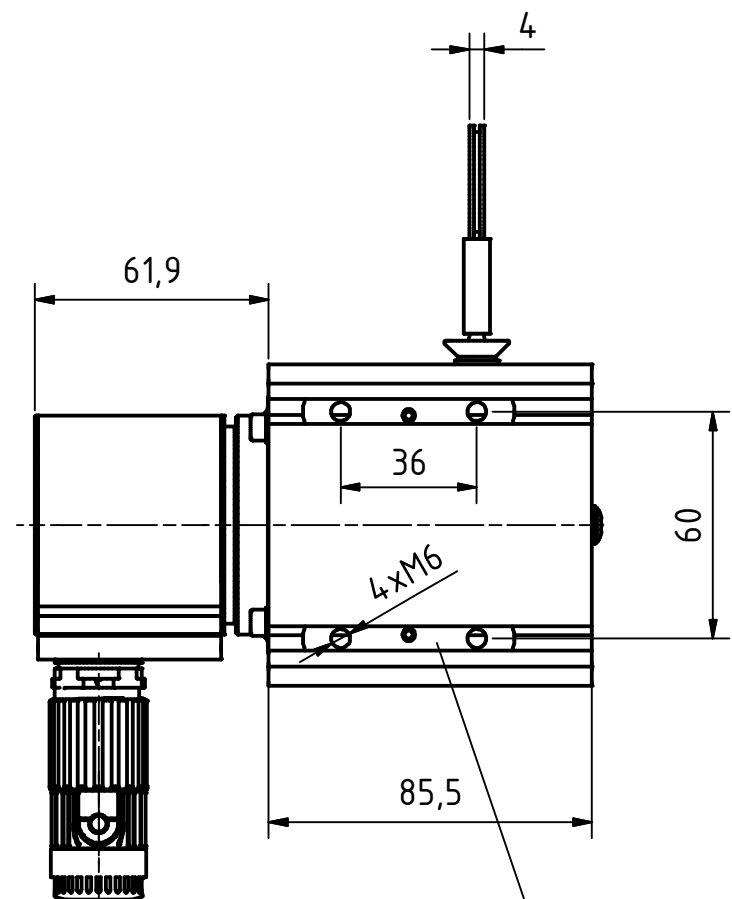
20.5.2023 / 010103020102010958

## Technical data

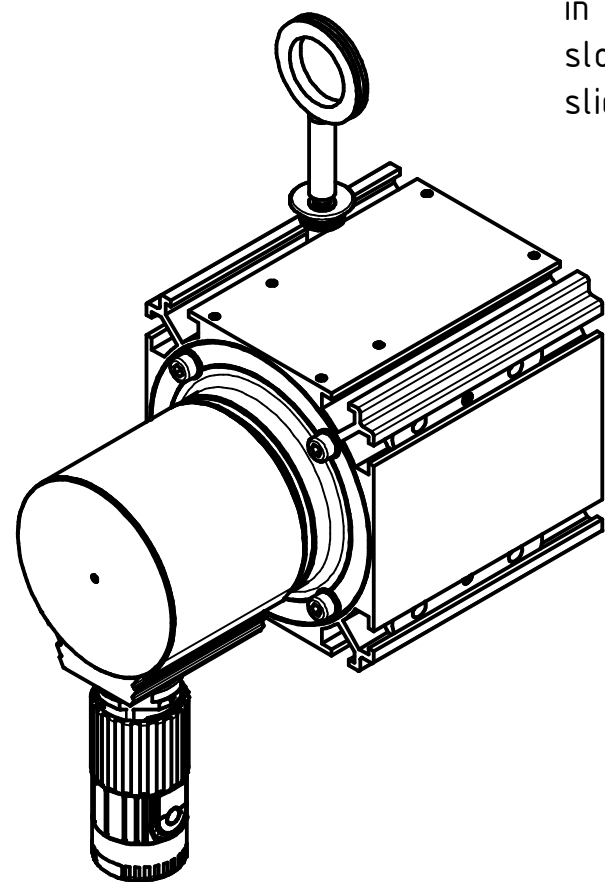
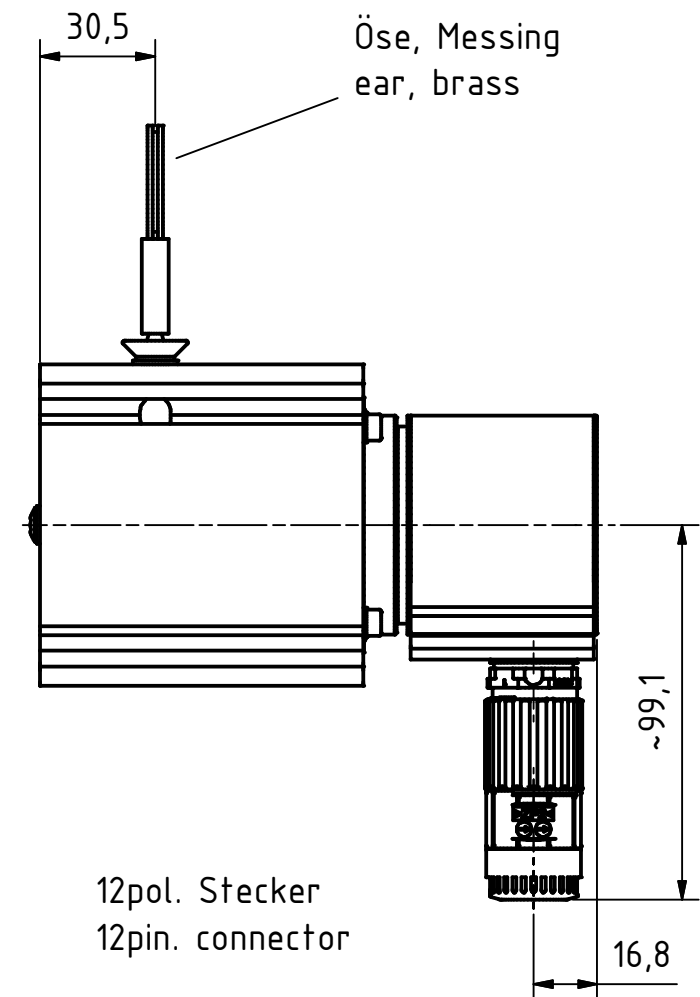
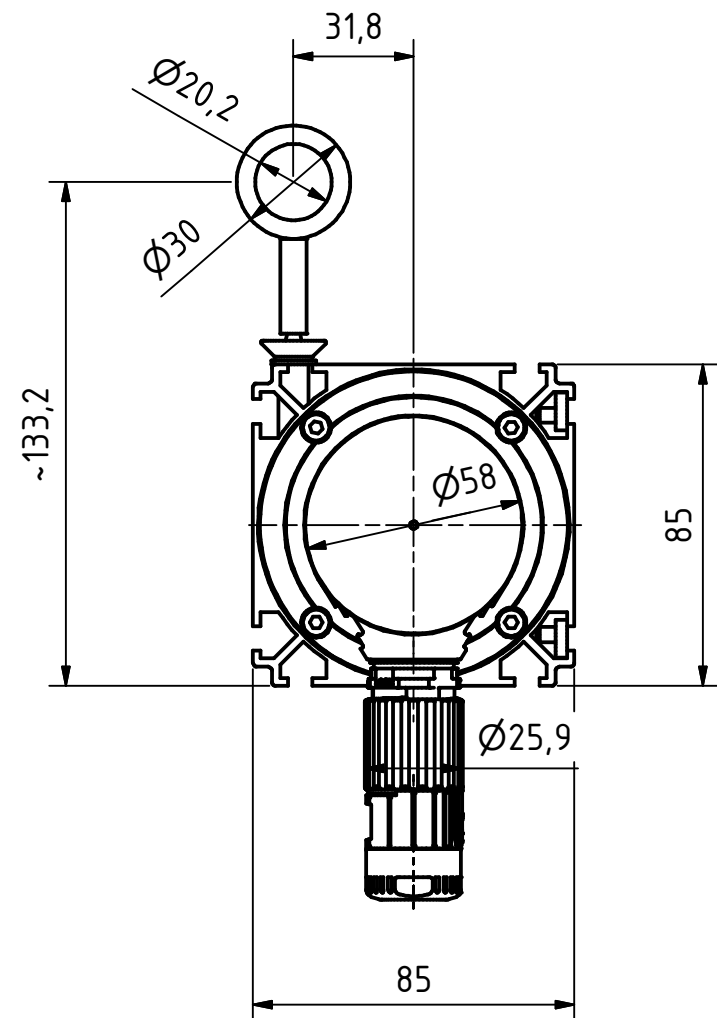
|                       |                                |
|-----------------------|--------------------------------|
| NO.OF STEPS/REV       | 4.096,000                      |
| NO. OF REVOLUTIONS    | 4.096,000                      |
| INTERFACE             | SSI                            |
| CODE                  | GRAY                           |
| SUPPLY VOLTAGE        | 12-26V                         |
| OUTPUT LEVEL          | RS422                          |
| PROTECTION Class      | IP65                           |
| OPERATING TEMPERATURE | 0-60°C                         |
| SHAFT TYPE            | COUPLING ELEMENT               |
| CONNECTOR TYPE        | CONTACT 12P                    |
| CONNECTOR-POSITION    | CONNECTOR RADIAL ON HOUSING    |
| PINOUT NO.            | ST3678                         |
| MATING PLUG           | YES                            |
| OPTIONS ENC           | F/R                            |
| OPTIONS ENC           | KUPPLUNG FORMSCHLÜSSIG         |
| OPTIONS ENC           | ME-WDS-P85-M 2,5M              |
| OPTIONS ENC           | PRESET 1                       |
| OPTIONS ENC           | PRESETWERT1= 8.388.608         |
| OPTIONS ENC           | ROPE LENGTH TRANSMITTER        |
| OPTIONS ENC           | SSI WITH MONITORING FUNCTION   |
| OPTIONS ENC           | VALUE ON HALF CAPACITY         |
| SLG-ORDER NO          | 40730001                       |
| DRAWING NO.           | 04-CEW58M-M0315                |
| VERSIONNO             | 000                            |
| FIRMWARE NO           | 437751                         |
| DOCUMENTATION NO      | DOKUMENTE                      |
| AL:                   | N                              |
| ECCN:                 | N                              |
| SLG-RATIO             | 199,52...200,32 mm/TURN        |
| SLG-LINEARITY         | +/-0,02%                       |
| SLG-TEMPERATURE RANGE | -20°C...+80°C                  |
| SLG-PROTECTION CLASS  | IP54 / IP65 BOTTOM OUTLET      |
| SLG-SPRING FORCE      | min.6N / max.16N               |
| SLG-B10-Value         | 850.000 bei 52.800 Zyklen p.a. |
| SLG-ROPE DIAMETER     | 1,2 mm                         |
| SLG-PULLOUT ANGLE     | max. +/-3°                     |

|                |                                                            |
|----------------|------------------------------------------------------------|
| <b>GL</b>      | Wellenausführung glatt / shaft type cylindrical            |
| <b>FL</b>      | Wellenausführung mit Fläche / shaft type with flat surface |
| <b>N</b>       | Wellenausführung mit Nut / shaft type with slot            |
| <b>Hohlw</b>   | Hohlwelle / hollow shaft                                   |
| <b>Klemme</b>  | mit Klemmring / with clamping ring                         |
| <b>Grundw</b>  | Grundwelle / fundamental shaft                             |
| <b>SLG</b>     | Seillängengeber / cable retractor                          |
| <b>ZB</b>      | Zentrierbund / centre ring                                 |
| <b>Tachofl</b> | Tachoflansch / tachometer flange                           |
| <b>DAG</b>     | DAG-Schutzgehäuse / DAG protective housing                 |
| <b>TK</b>      | Teilkreis / pitch circle                                   |

Subject to change.



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



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

|                                                                                                                                                                                                              |            |  |       |                                                            |            |        |  |                                                                                        |  |              |  |            |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--|-------|------------------------------------------------------------|------------|--------|--|----------------------------------------------------------------------------------------|--|--------------|--|------------|--|
|  <div>TR-Electronic GmbH<br/>Eglshalde 6<br/>D-78647 Trossingen<br/>phone +49 7425 228.0<br/>www.tr-electronic.de</div> |            |  |       |                                                            |            |        |  | Maßstab 1:2    DIN A3                                                                  |  | Projekt-Nr.: |  |            |  |
|                                                                                                                                                                                                              |            |  |       |                                                            |            |        |  | Zeichnungs-Nr. nur für diese Ausführung gültig<br>Drawing-No. only for this type valid |  |              |  |            |  |
|                                                                                                                                                                                                              |            |  |       |                                                            | Datum      | Name   |  | CEW-58-M, pull of rope encoder<br><br>ME, 2,5m rope                                    |  |              |  |            |  |
|                                                                                                                                                                                                              |            |  |       | Erstellt                                                   | 15.01.2019 | FLAIG  |  |                                                                                        |  |              |  |            |  |
|                                                                                                                                                                                                              |            |  |       | Bearb.                                                     | 15.01.2019 | FLAIG  |  |                                                                                        |  |              |  |            |  |
|                                                                                                                                                                                                              |            |  |       | Gepr.                                                      | 16.01.2019 | NEMECZ |  |                                                                                        |  |              |  |            |  |
|                                                                                                                                                                                                              |            |  |       | Norm                                                       |            |        |  |                                                                                        |  |              |  |            |  |
|                                                                                                                                                                                                              |            |  |       | www.tr-electronic.de<br>DXF+Info:<br>info@tr-electronic.de |            |        |  | Zeichnungs-NR../Drawing-No.:                                                           |  |              |  | Blatt<br>1 |  |
|                                                                                                                                                                                                              |            |  |       |                                                            |            |        |  | 04-CEW58M-M0315                                                                        |  |              |  | 1 Bl.      |  |
| Zust.                                                                                                                                                                                                        | Änderungen |  | Datum | Name                                                       |            |        |  |                                                                                        |  |              |  |            |  |

## Pin assignment

Pin assignment number: 3678

Index:

13.01.2021

Connector name: M23 12-pol

Pin-count: 12

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| Pin | Designation         | Description                      | Colour |
|-----|---------------------|----------------------------------|--------|
| 1   | Ground IN           | Ground                           | -      |
| 2   | SSI_DATA+_OUT       | Data output +                    | -      |
| 3   | SSI_Clock+_IN       | Clock input +                    | -      |
| 4   | Preset1_IN          | Preset value 1                   | -      |
| 5   | Direction IN        | Change of counting direction     | -      |
| 6   | Ser.Program+_IN/OUT | Ser. programming interface RS485 | -      |
| 7   | Ser.Program-_IN/OUT | Ser. programming interface RS485 | -      |
| 8   | Supply Voltage IN   | Supply voltage                   | -      |
| 9   | not connected       |                                  | -      |
| 10  | SSI_DATA-_OUT       | Data output -                    | -      |
| 11  | SSI_Clock-_IN       | Clock input -                    | -      |
| 12  | not connected       |                                  | -      |

### 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.