

## Absolute rotary Encoder

# CMV36M\*4096/4096 ASI 33ZB6GL/10,8

OrderNo.:CMV36M-00017

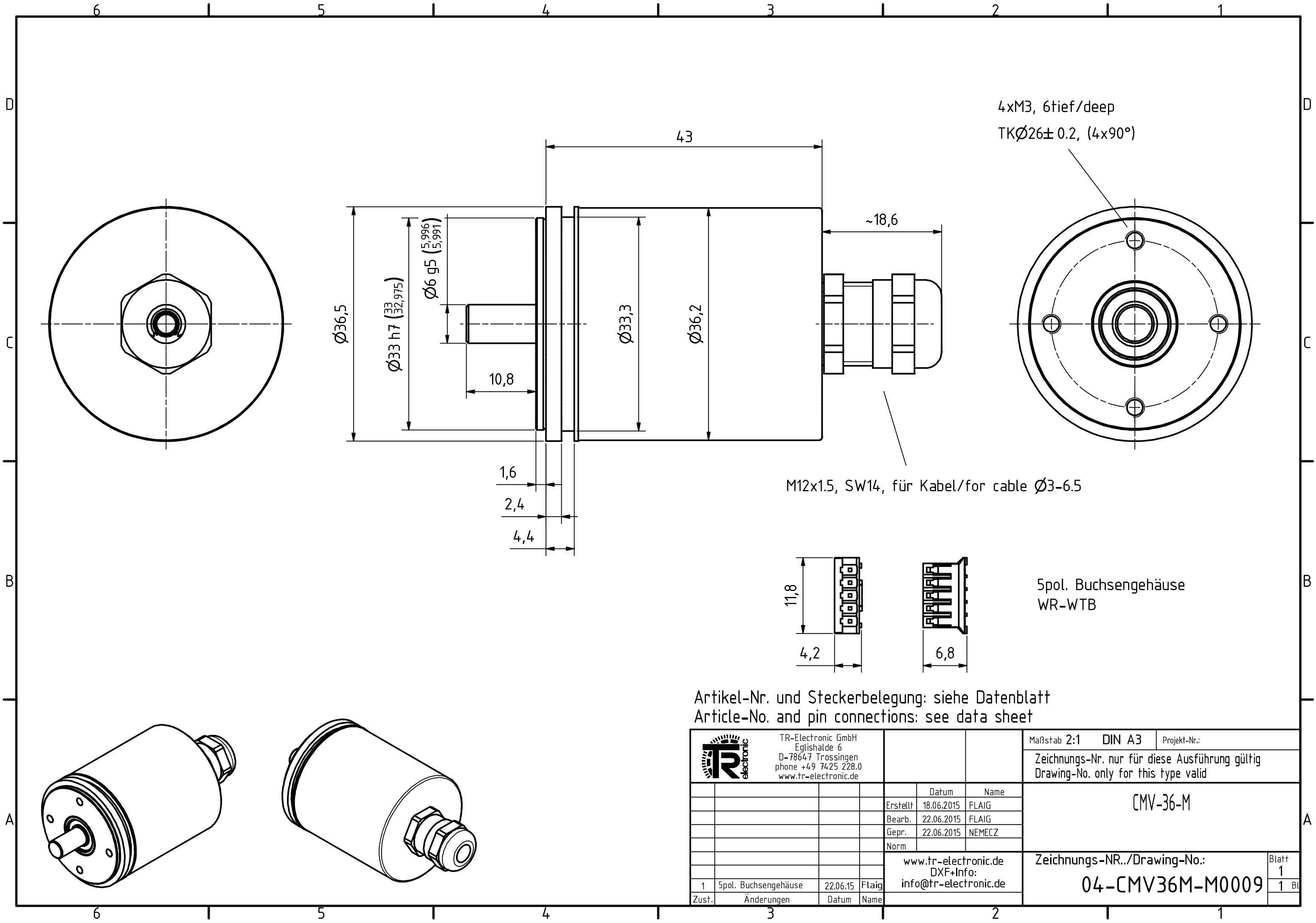
30.5.2023 / 010102003601010201

### Technical data

|                       |                                |
|-----------------------|--------------------------------|
| NO.OF STEPS/REV       | 4.096,000                      |
| NO. OF REVOLUTIONS    | 4.096,000                      |
| INTERFACE             | ASI                            |
| SUPPLY VOLTAGE        | 5V                             |
| OUTPUT LEVEL          | RS485                          |
| PROTECTION Class      | IP54                           |
| OPERATING TEMPERATURE | -25+70°C                       |
| FLANGE TYPE           | ZB33                           |
| SHAFT EXECUTION       | (V) Solid shaft                |
| SHAFT TYPE            | 6GL/10,8                       |
| CONNECTOR TYPE        | WR-WTB 5PIN                    |
| CONNECTOR-POSITION    | 1XM10 AXIAL                    |
| cable length (m)      | 0,350 M                        |
| PINOUT NO.            | ST10459                        |
| MATING PLUG           | NO                             |
| OPTIONS ENC           | SCHNITTSTELLEN SPEZIFIKAT. 1.6 |
| DRAWING NO.           | 04-CMV36M-M0009                |
| VERSIONNO             | 999                            |
| FIRMWARE NO           | 4377E0                         |
| DOCUMENTATION NO      | DOKUMENTE                      |

|                |                                                            |
|----------------|------------------------------------------------------------|
| <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.



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|       |                      |          |       | Datum                                                      | Name              |
|-------|----------------------|----------|-------|------------------------------------------------------------|-------------------|
|       |                      |          |       | Erstellt                                                   | 18.06.2015 FLAIG  |
|       |                      |          |       | Bearb.                                                     | 22.06.2015 FLAIG  |
|       |                      |          |       | Gepr.                                                      | 22.06.2015 NEMECZ |
|       |                      |          |       | Norm                                                       |                   |
|       |                      |          |       | www.tr-electronic.de<br>DXF+Info:<br>info@tr-electronic.de |                   |
| 1     | 5pol. Buchsengehäuse | 22.06.15 | Flaig |                                                            |                   |
| Zust. | Änderungen           | Datum    | Name  |                                                            |                   |

|                                                                                        |              |
|----------------------------------------------------------------------------------------|--------------|
| Maßstab 2:1 DIN A3                                                                     | Projekt-Nr.: |
| Zeichnungs-Nr. nur für diese Ausführung gültig<br>Drawing-No. only for this type valid |              |
| CMV-36-M                                                                               |              |
| Zeichnungs-NR./Drawing-No.:                                                            | Blatt        |
| 04-CMV36M-M0009                                                                        | 1            |
|                                                                                        | 1 Bl         |

## Pin assignment

Pin assignment number: 10459

Connector name: WR-WTB 5PIN

Index:

Pin-count: 5

13.01.2021

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| Pin | Designation       | Description        | Colour |
|-----|-------------------|--------------------|--------|
| 1   | DATA+_OUT         | Data+/Prog.-Input+ | -      |
| 2   | DATA-_OUT         | Data-/Prog.-Input- | -      |
| 3   | not connected     |                    | -      |
| 4   | Supply Voltage IN | Supply voltage     | -      |
| 5   | 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.