

# DATENBLATT – Data sheet

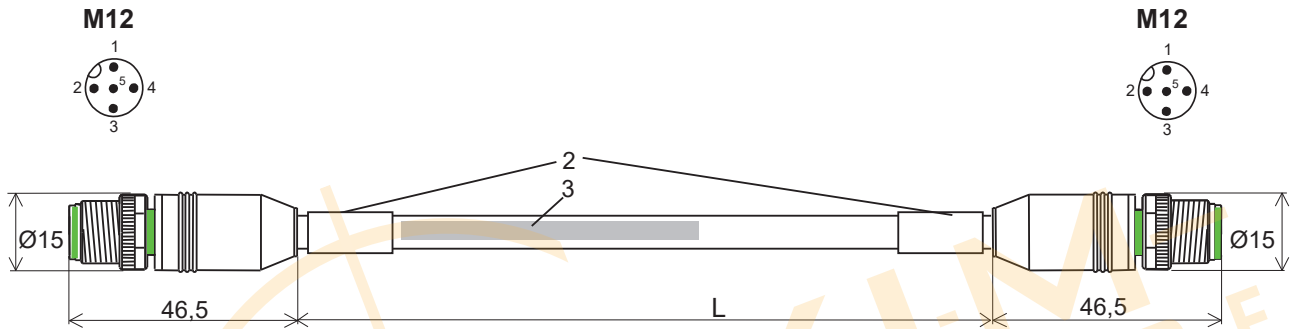
## MECHANISCHE DATEN *Mechanical data*

- **GEHÄUSE:** **M12 Stecker gerade, schwarz–  
M12 Stecker gerade, schwarz**  
*Housing: M12 male straight, black–  
M12 male straight, black*
- **VERSCHRAUB.:** **2x M12x1 Schraube  
Zinkdruckguss vernickelt**  
*Screw: 2x M12x1 screw  
Zinc pressure die casting surface Ni*
- **BEFESTIGUNG:** **aufgesteckt, verschraubt, SW 13  
empfohlenes Anzugsmoment 0.6Nm**  
*Connection: pluggable, screw locking, A/F 13  
recommended breakaway torque 0,6Nm*
- **TEMP.-BEREICH:** **-25°C ... +85°C (nur für Steckverbinder,  
Kabel siehe Seite 2)**  
*Temp. range: -25...+85°C (only for connector,  
cable see page 2)*
- **SCHUTZGRAD:** **IP65/67**  
*Protection: IP65/67*

## ELEKTRISCHE DATEN *Electrical data*

- **ANSCHLUSSSPG.:** **max. 60 V AC/DC**  
*Nominal voltage: max. 60 V AC/DC*
- **BETRIEBSSTROM:** **max. 4 A je Kontakt**  
*Rated current : max. 4 A every contact*
- **BEM.-STOSSPANNUNG:** **1,5 kV**  
*Rated impulse voltage: 1,5 kV*
- **VERSCHMUTZUNGSGRAD:** **3**  
*Pollution degree: 3*
- **ISOLIERSTOFFGRUPPE:** **Kategorie I**  
*Material group: Kategorie I  
nach IEC 60664-1  
Category I according to  
IEC 60664-1*
- **FELDBUS:** **CANopen / DeviceNet**  
*fieldbus*
- **NORM:** **DIN EN 61076-2-101**  
*standard: DIN EN 61076-2-101*

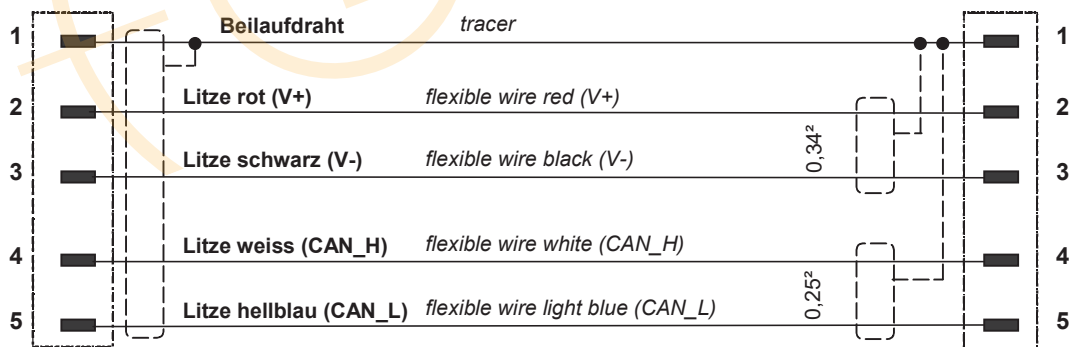
## TECHNISCHE SKIZZE / Technical sketch



- 1) Ohne Kontur für Wellenschlauch  
*No corrugated tube contour*
- 2) Kabeltülle  
*Cable sleeve*

- 3) Kabelaufdruck lt. Bedruckungsvorschrift 7000-08001  
*Cable imprint see printing instruction 7000-08001*

## STROMLAUFPLAN / Schematic diagram



|      |                   |             |                      | Datum/Date | Name                  | <b>Datenblatt / Data sheet</b><br><b>Stromlaufplan / Schematic diagram</b>   |  |  |  |
|------|-------------------|-------------|----------------------|------------|-----------------------|--|--|--|--|
|      |                   |             | Freigeg.<br>Released | 30.6.20    | PM                    |  |  | <b>Art. No.: 7000-40532-xxxxyyyy</b><br>xxx – Kabelnummer / <i>cable No.</i><br>yyyy – Kabellänge L [cm] / <i>cable length</i> |  |
|      |                   |             | Gepr.<br>Approved    | 30.6.20    | Schu                  | M12 Stecker A-kodiert gerade auf<br>M12 Stecker A-kodiert gerade<br>M12 male A-coded straight with<br>M12 male A-coded straight<br>Belegung / <i>configuration</i> 1,2,3,4,5 |  |  |  |
| Idx. | Änderung / Update | Datum/ Date | Name                 |            |                       |  |  |  |  |
| a    | Erstausgabe       | 30.6.20     | Schr                 | 08.11.2021 | 7000-40532_db_2_a.doc |  |  |  |  |

**KABEL (geschirmt) / Cable (shielded)**

| Kabel- No.<br>xxx<br>cable no.<br>xxx | Mantel-<br>werkstoff<br>jacket<br>material | Mantel-<br>farbe<br>jacket<br>color | Ader-<br>isolation<br>wire<br>isolation | Aderfarben<br>wire colors                                      | Litzen<br>[mm <sup>2</sup> ]<br>flex. wire                         | Kabel-<br>mantel-Ø<br>cable<br>jacket Ø | Zulassungen<br>Kabel<br>Standards cable | Kabel-<br>typ<br>cable<br>type |
|---------------------------------------|--|-------------------------------------|---|--|--|---|---|--------------------------------|
| 803                                   | PUR  | violett<br>violet                   | PE                                      | (weiss, blau) + (rot, schwarz)<br>(white, blue) + (red, black) | 2 x AWG<br>24/19<br>(2 x 0,241)<br>2 x AWG<br>22/19<br>(2 x 0,382) | 6,9 ± 5%                                | UL (cURus)                              |                                |

**Toleranz Kabellängen:** 0m < L ≤ 0,5m +0,03m      1,0m < L ≤ 3,0m +0,1m  
 Tolerance cable length : 0,5m < L ≤ 1,0m +0,05m      3,0m < L ±1,5%

**Temperaturbereich Kabel:** / temperature range for cables:

| Kabel / cable | bewegter Einsatz / (for flexible use) | fest verlegt / (for stationary use) |
|---------------|---------------------------------------|-------------------------------------|
| 803           | -30°C ... +70°C                       | -40°C ... +80°C                     |

**ZULASSUNGEN STECKVERBINDER / Certifications connectors**

**Kennzeichnung auf Produkt / Verpackung / labeling on product / packaging**

keine / no

**VERPACKUNG / Packing instruction**

Siehe Verpackungsvorschrift VP 7000-12001.  
 See packing instruction VP 7000-12001.

**BESTÄNDIGKEIT / Resistance**

Gute Chemikalien- und Ölbeständigkeit (Ölbeständigkeit gilt nicht für den Einsatz mit PVC-Kabel).  
 Beim Einsatz aggressiver Medien ist die Materialbeständigkeit applikationsbezogen zu überprüfen.  
 Good chemical and oil resistance (articles with PVC-cable are not oil resistant).  
 When using aggressive mediums, material resistance based on application must be checked.

| Idx. | Änderung / Update | Datum/ Date | Name | Datum/Date           | Name                  | <b>Datenblatt / Data sheet</b><br><b>Stromlaufplan / Schematic diagram</b>  |
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Please contact us if you have any questions about the contents of the datasheet.

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