

# DATENBLATT – Data sheet

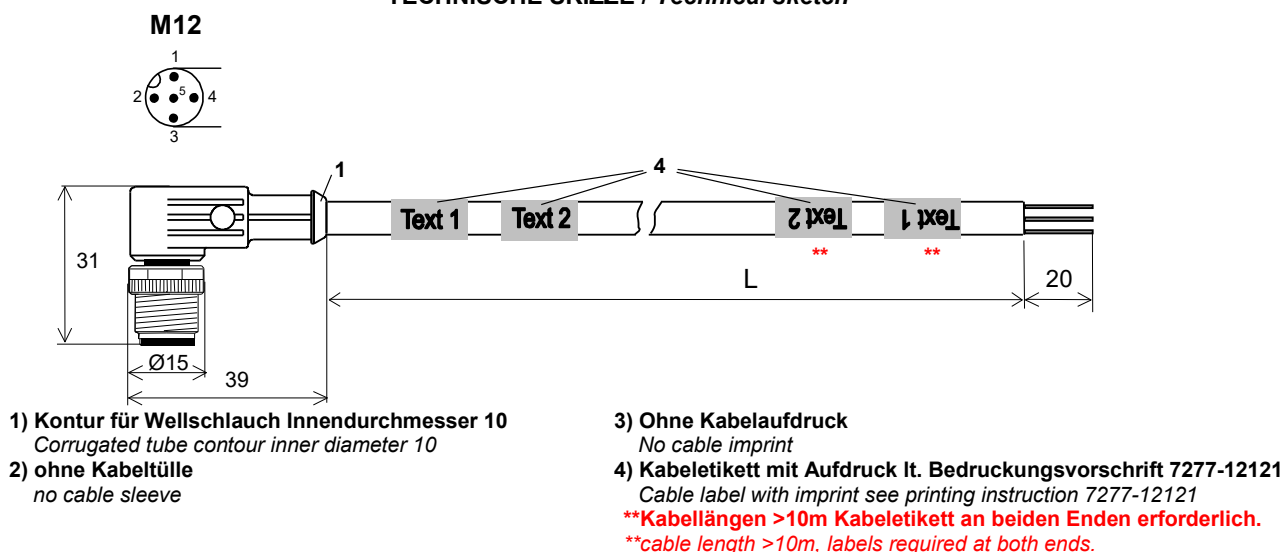
## MECHANISCHE DATEN Mechanical data

- **GEHÄUSE:** M12 Stecker gewinkelt, schwarz  
*Housing: M12 male angular, black*
- **VERSCHRAUB.:** M12x1 Schraube Zinkdruckguss vernickelt  
*Screw: 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:** IP65/66K/67  
*Protection: IP65/66K/67*

## ELEKTRISCHE DATEN Electrical data

- **ANSCHLUSSSPG.:** max. 125 V AC/DC  
*Nominal voltage: max. 125 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  
*nach IEC 60664-1*  
*Category I according to IEC 60664-1*
- **NORM:** DIN EN 61076-2-101  
*standard: DIN EN 61076-2-101*

## TECHNISCHE SKIZZE / Technical sketch



## STROMLAUFPLAN / Schematic diagram

|   |               |                            |
|---|---------------|----------------------------|
| 1 | Litze braun   | flexible wire brown        |
| 2 | Litze weiss   | flexible wire white        |
| 4 | Litze schwarz | flexible wire black        |
| 3 | Litze blau    | flexible wire blue         |
| 5 | Litze gnge    | flexible wire green/yellow |

Isolierkörper in schwarz  
*Insulation body in black*

|      |                          |             |      |                                                                                     |                       |       |                                                                                                                                       |  |
|------|--------------------------|-------------|------|-------------------------------------------------------------------------------------|-----------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------|--|
|      |                          |             |      |                                                                                     | Datum/Date            | Name  | <b>Datenblatt / Data sheet</b><br><b>Stromlaufplan / Schematic diagram</b>                                                            |  |
|      |                          |             |      | Freigeg<br>Released                                                                 | 27.9.17               | Kunde |                                                                                                                                       |  |
|      |                          |             |      | Gepr.<br>Approved                                                                   | 4.10.18               | Schu  |                                                                                                                                       |  |
|      |                          |             |      |                                                                                     |                       |       | <b>Art. No.: 7277-12121-xxxxyyy</b><br><br>xxx – Kabelnummer / <i>cable No.</i><br><br>yyyy – Kabellänge L [cm] / <i>cable length</i> |  |
| c    | Signal notations removed | 4.10.18     | Schr |  |                       |       | M12 Stecker gewinkelt mit offenem Leitungsende<br><i>M12 male angular with cable</i><br>Belegung / <i>configuration</i> 1,2,3,4,5     |  |
| b    | 4 x Wickeletikett        | 7.12.17     | Schr |                                                                                     |                       |       |                                                                                                                                       |  |
| Idx. | Änderung / Update        | Datum/ Date | Name |                                                                                     |                       |       |                                                                                                                                       |  |
| a    | Erstausgabe              | 21.8.17     | Schr | 04.10.2018                                                                          | 7277-12121_db_2_c.doc |       | Blatt<br>1 von 2<br>Sheet                                                                                                             |  |

KABEL / Cable

| 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 | Adernfarben<br>wire colors                                                                                              | Litzen<br>[mm²]<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 |
|--------------------------------------|--------------------------------------------|-------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------|-----------------------------------------|-----------------------------------------|--------------------------------|
| 635                                  | PUR                                        | schwarz<br>black                    | PP                                      | braun, schwarz, blau, weiss,<br>grüngelb längsgestreift<br>brown, black, blue, white,<br>greenyellow striped lengthwise | 5 x 0,34<br>(AWG 22)          | 5,2 ± 5%                                | UL, CSA,<br>NFPA79 konform**            | 3                              |

\*\* Edition 2012

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:

|            | bewegter Einsatz / (for flexible use) | fest verlegt / (for stationary use) |
|------------|---------------------------------------|-------------------------------------|
| Kabeltyp 3 | -25°C ... +80°C (90°C max. 10.000h)   | -40°C ... +80°C (90°C max. 10.000h) |

ZULASSUNGEN STECKVERBINDER / Certifications connectors

Keine / no

UL "LISTED"



ML File: xxxxxxxx (in Vorbereitung / in preparation)

VERPACKUNG / Packing instruction

Siehe Verpackungsvorschrift VP 7277-12121.  
See packing instruction VP 7277-12121.

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.

Datenblatt gilt für / data sheet valid for :

| ME-Art.-No.        | National<br>Instruments Art.-No.<br>National Instruments<br>part number | Bezeichnung<br>type name | Länge /<br>length<br>L | Vetriebstext 1<br>sales text 1 | Vetriebstext 2<br>sales text 2 |
|--------------------|-------------------------------------------------------------------------|--------------------------|------------------------|--------------------------------|--------------------------------|
| 7277-12121-6350100 | 751773-01                                                               | M125M-Pigtail-RA         | 1m                     | 5 PIN A-CODE M12 MALE          | (RIGHT ANGLE) TO PIGTAIL, 1M   |
| 7277-12121-6350300 | 751773-03                                                               | M125M-Pigtail-RA         | 3m                     | 5 PIN A-CODE M12 MALE          | (RIGHT ANGLE) TO PIGTAIL, 3M   |

|      |                          |             |      |                                                                                     |                       |       |                                                                                                                                      |  |                                  |
|------|--------------------------|-------------|------|-------------------------------------------------------------------------------------|-----------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------|
|      |                          |             |      |                                                                                     | Datum/Date            | Name  | Datenblatt / Data sheet<br>Stromlaufplan / Schematic diagram                                                                         |  |                                  |
|      |                          |             |      | Freigeg<br>Released                                                                 | 27.9.17               | Kunde |                                                                                                                                      |  |                                  |
|      |                          |             |      | Gepr.<br>Approved                                                                   | 4.10.18               | Schu  |                                                                                                                                      |  |                                  |
|      |                          |             |      |                                                                                     |                       |       | Art. No.: 7277-12121-xxxxyyyy<br>xxx – Kabelnummer / <i>cable No.</i><br><br>yyyy – Kabellänge L [cm] / <i>cable length</i>          |  |                                  |
| c    | Signal notations removed | 4.10.18     | Schr |  |                       |       |                                                                                                                                      |  |                                  |
| b    | 4 x Wickel etikett       | 7.12.17     | Schr |                                                                                     |                       |       |                                                                                                                                      |  |                                  |
| Idx. | Änderung / Update        | Datum/ Date | Name |                                                                                     |                       |       |                                                                                                                                      |  |                                  |
| a    | Erstausgabe              | 21.8.17     | Schr |                                                                                     |                       |       |                                                                                                                                      |  |                                  |
|      |                          |             |      | 04.10.2018                                                                          | 7277-12121_db_2_c.doc |       | M12 Stecker gewinkelt mit offenem<br>Leitungsende<br><i>M12 male angular with cable</i><br>Belegung / <i>configuration 1,2,3,4,5</i> |  | Blatt<br>2 von 2<br><i>Sheet</i> |

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