

DATENBLATT – Data sheet

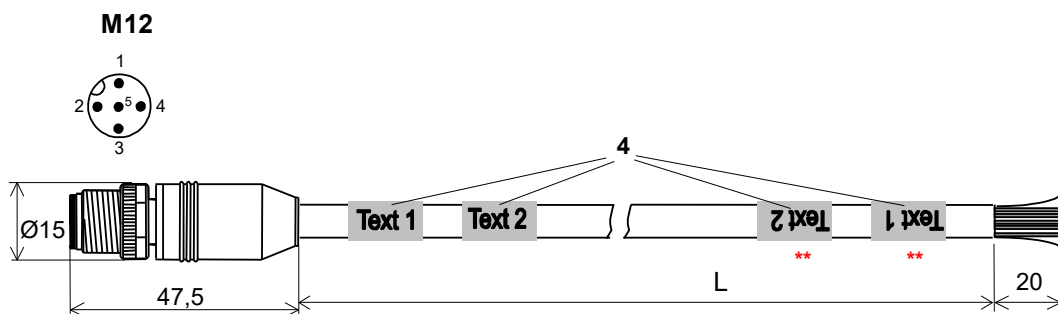
MECHANISCHE DATEN / Mechanical data

- **GEHÄUSE:** M12 Stecker gerade, geschirmt, sw
Housing: M12 male straight, shielded, bk
- **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:** IP65/67
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
nach IEC 60664-1
Material group: Category I according to IEC 60664-1
- **NORM:** DIN EN 61076-2-101
standard: DIN EN 61076-2-101

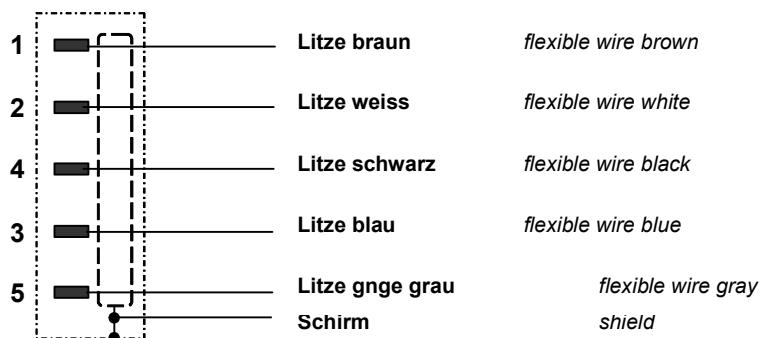
TECHNISCHE SKIZZE / Technical sketch



- 1) Kontur für Wellschlauch Innendurchmesser 10
Corrugated tube contour inner diameter 10
- 2) ohne Kabeltülle
no cable sleeve

- 3) Ohne Kabelaufdruck
No cable imprint
- 4) Kabeletikett mit Aufdruck lt. Bedruckungsvorschrift 7277-12121
Cable label with imprint see printing instruction 7277-12121
****Kabellängen >10m Kabeletikett an beiden Enden erforderlich.**
***cable length >10m, labels required at both ends.*

STROMLAUFPLAN / Schematic diagram



Isolierkörper in schwarz
Insulation body in black

					Datum/Date	Name	Datenblatt / Data sheet Stromlaufplan / Schematic diagram	
				Freigeg. Released	7.12.17	Kunde		
				Gepr. Approved	4.10.18	Schu		
				Art. No.: 7277-13101-xxxxyyy xxx – Kabelnummer / cable No. yyy – Kabellänge L [cm] / cable length			M12 Stecker gerade geschirmt mit offenem Leitungsende <i>M12 male straight shielded with cable Belegung / configuration 1,2,3,4,5 (ZE)</i>	
b	Signal notations removed	4.10.18	Schr					Blatt
Idx.	Änderung / Update	Datum/ Date	Name	04.10.2018 7277-13101_db_2_b.doc				1 von 2 Sheet
a	Erstausgabe	13.10.17	Schr					

Kabel (geschirmt) / cables (shielded):

Kabel- No. xxx cable no. xxx	Mantel- werkstoff jacket material	Mantel- farbe jacket color	Ader- isolation wire isolation	Adernfarben wire colors	Litzen [mm ²] flex. wire	Kabel- mantel-Ø cable jacket Ø	Zulassungen Kabel Standards cable	Kabel- typ cable type
643	PUR	schwarz black	PP	braun, schwarz, blau, weiss, grau brown, black, blue, white, gray	5 x 0,34 (AWG 22)	5,6 ± 5%	UL, CSA	3

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"  LISTED 47YY ML File: **xxxxxxx** (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 Instruments Art.-No. National Instruments part number	Bezeichnung type name	Länge / length L	Vetriebstext 1 sales text 1	Vetriebstext 2 sales text 2
7277-13101-6430030	751776-0R3	SHM125M-Pigtail	0,3m	SHIELDED 5 PIN A-CODE M12	MALE (STRAIGHT) TO PIGTAIL, 0.3M
7277-13101-6430100	751776-01	SHM125M-Pigtail	1m	SHIELDED 5 PIN A-CODE M12	MALE (STRAIGHT) TO PIGTAIL, 1M
7277-13101-6430300	751776-03	SHM125M-Pigtail	3m	SHIELDED 5 PIN A-CODE M12	MALE (STRAIGHT) TO PIGTAIL, 3M

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a	Erstausgabe	13.10.17	Schr				04.10.2018 7277-13101_db_2_b.doc

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