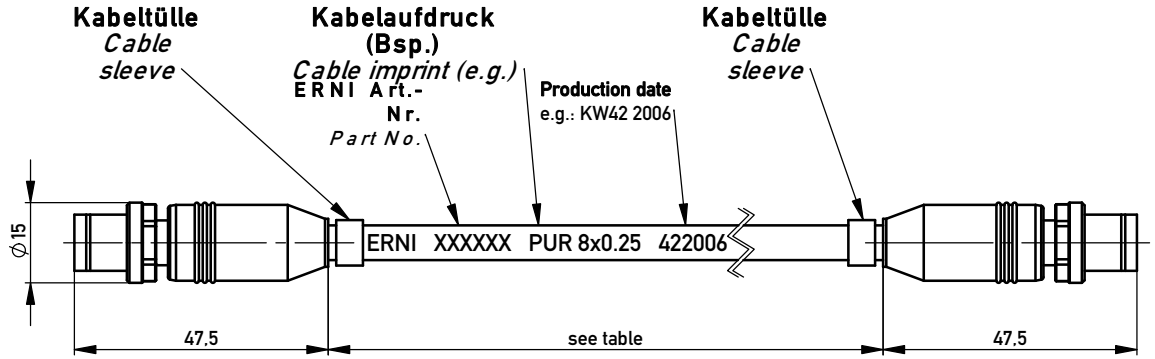
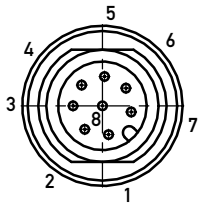
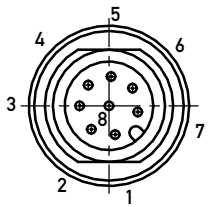
TECHNISCHE SKIZZE / *Technical sketch*





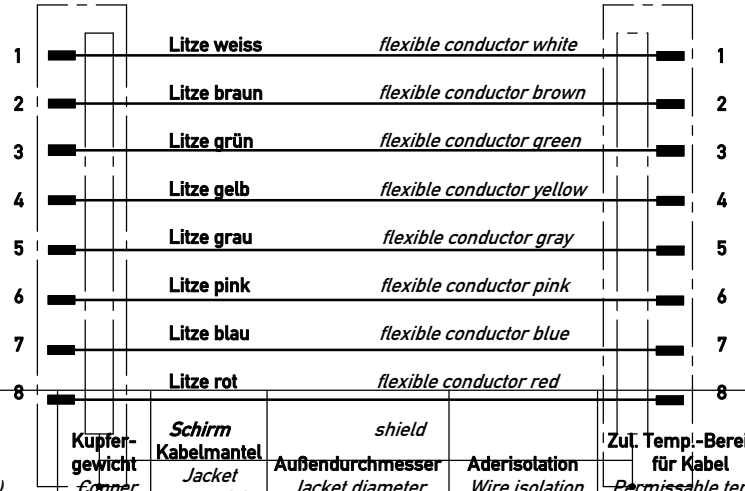
Ansicht: Steckgesicht Messer; Kontaktbelegung /
View: mating face male; pin assignment
M 2:1



BAUTEILE / FERTIGUNGSHINWEISE
Piece parts / Manufacturing notices

- **Kabelaufdruck mittels Tintenstrahldrucker entspr. Techn. Skizze**
  Cable imprint with ink-jet printer see technical sketch
- **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 (parts with PVC-cable are not restistant). When using agressive media, material resistance based on application must be checked.

STROMLAUFPLAN / *Schematic diagram*



Artikel-Nr. *Part No.*	Leitungslänge (A) *Cable length (A)*	Kupfer-gewicht *Copper weight*	Schirm Kabelmantel *Jacket material*	*shield* Außendurchmesser *Jacket diameter*	Aderisolation *Wire isolation*	Zul. Temp.-Bereich für Kabel *Permissable temp. for cable*
464933	500 +50 mm [23.62 +2.4 in]	26.6 g	PUR, shielded	7 mm ±5% [0.263 in ±5%]	PP	-40... +80 °C (permanently installed) -20... +80 °C (movably mounted)
	1.000 +100 mm [39.37 +4 in]					
	1.500 +100 mm [59.05 +4 in]					
	2.000 +100 mm [78.74 +4 in]					
	3.000 + 100 mm [118.11 +4 in]					

SPECIFICATIONS Circular Connector

Technical Specifications	Standard applic.	Value
Housing:		M12 male, straight, black M12 male, straight black
Pin assignment:		8 pin
Coding:		A-coding
Connection:		Screw locking pluggable, screw locking, A/F 13 recommended breakaway torque 0,6 Nm
LED:		-
Packaging:		1 piece per bag
Materials & Finish		
Contact material:		
a) male	Standard description	CuZn39Pb3F50
b) female	Standard description	-
Contact finish, mating zone:		
a) male	Thickness of plating	0,5 µm Au over 2 µm Ni
b) female	Thickness of plating	-
Screw material:	Standard description	Zinc pressure die casting
Screw plating:	Standard description	Ni 4-6 µm
Cable (additional info see table)		
Jacket color		gray (RAL 7001)
Conductor cross-section		8 x 0,25 mm²
Bending radius min.		15 x jacket diameter

Electrical Data	Standard applic.	Value
Rated (nominal) voltage; max.	IEC 61-076-2-101	30 V DC
Rated current; per contact, max.	IEC 61-076-2-101	2 A
Rated impulse voltage	IEC 61-076-2-101	0,8 kV
Approvals		
Protection class (mated and locked)	IEC 60529	IP 65/67
Pollution degree		3
Insulation category	IEC 60664-1	I
RoHS compliant		Yes
Part Marking (cable imprint)		
Part number		required
Company Logo		required
Date of manufacturing		required
Jacket material		required
Flex. conductor diameter		required
Transmissinon Characteristics IEC 11801		Class D

Information:

Tolerances

All Dimensions in mm

Scale 1:1

Subject to modification without prior notice.
Drawing will not be updated.

Designation

M12 8 pin / M12 m 8 pin

Male, A-coding, shielded

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324227 I

A3

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Class CCCS