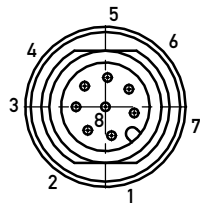
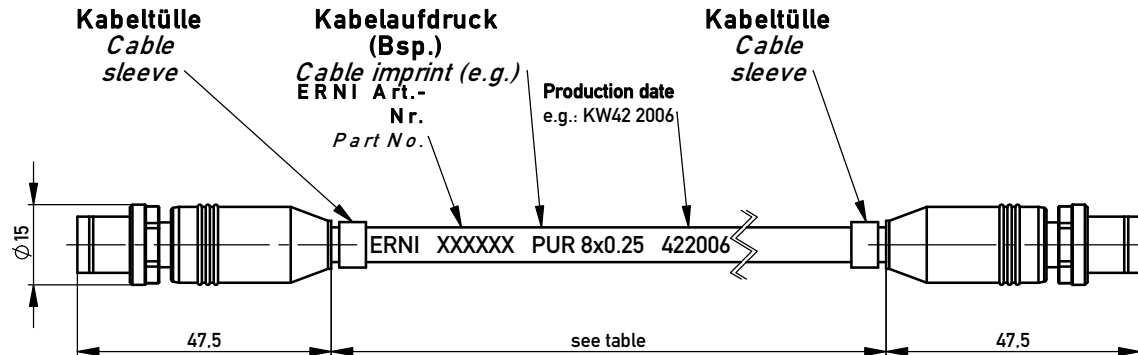
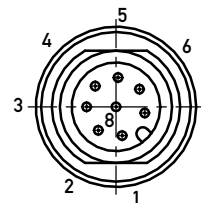


TECHNISCHE SKIZZE / *Technical sketch*



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 resistant). When using aggressive media, material resistance based on application must be checked.

STROMLAUFPLAN / *Schematic diagram*

1	Litze weiss	flexible conductor white	1
2	Litze braun	flexible conductor brown	2
3	Litze grün	flexible conductor green	3
4	Litze gelb	flexible conductor yellow	4
5	Litze grau	flexible conductor gray	5
6	Litze pink	flexible conductor pink	6
7	Litze blau	flexible conductor blue	7
8	Litze rot	flexible conductor red	8

SPECIFICATIONS Circular Connector

Technical Specifications	Standard applic.	Value	Electrical Data	Standard applic.	Value
Housing:		M12 male, straight, black M12 male, straight black	Rated (nominal) voltage; max.	IEC 61-076-2-101	30 V DC
Pin assignment:		8 pin	Rated current; per contact, max.	IEC 61-076-2-101	2 A
Coding:		A-coding	Rated impulse voltage	IEC 61-076-2-101	0,8 kV
Connection:		Screw locking	Approvals		
		pluggable, screw locking, A/F 13 recommended breakaway torque 0,6 Nm	Protection class		
LED:		-	(mated and locked)	IEC 60529	IP 65/67
Packaging:		1 piece per bag	Pollution degree		3
			Insulation category	IEC 60664-1	I
			RoHS compliant		Yes
Materials & Finish					
Contact material:			Part Marking (cable imprint)		
a) male	Standard description	CuZn39Pb3F50	Part number		required
b) female	Standard description	-	Company Logo		required
Contact finish, mating zone:			Date of manufacturing		required
a) male	Thickness of plating	0,5 µm Au over 2 µm Ni	Jacket material		required
b) female	Thickness of plating	-	Flex. conductor diameter		required
Screw material:		Zinc pressure die casting	Transmission Characteristics IEC 11801		
Screw plating:	Standard description	Ni 4-6 µm			Class D
Cable (additional info see table)					
Jacket color		gray (RAL 7001)			
Conductor cross-section		8 x 0,25 mm ²			
Bending radius min.		15 x jacket diameter			

Artikel-Nr. Part No.	Leitungslänge (A) Cable length (A)	Kupfergewicht Copper weight	Schirm Kabelmantel Jacket material	shield Jacket diameter	Aderisolation Wire isolation	Zul. Temp.-Bereich für Kabel Permissible 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]					
Information:		Tolerances		Scale 1:1		
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		www.ERNI.com		M12 8 pin / M12 m 8 pin Male, A-coding, shielded		
		324227		I A3		
Index		16.08.2012		Class CCCS		

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