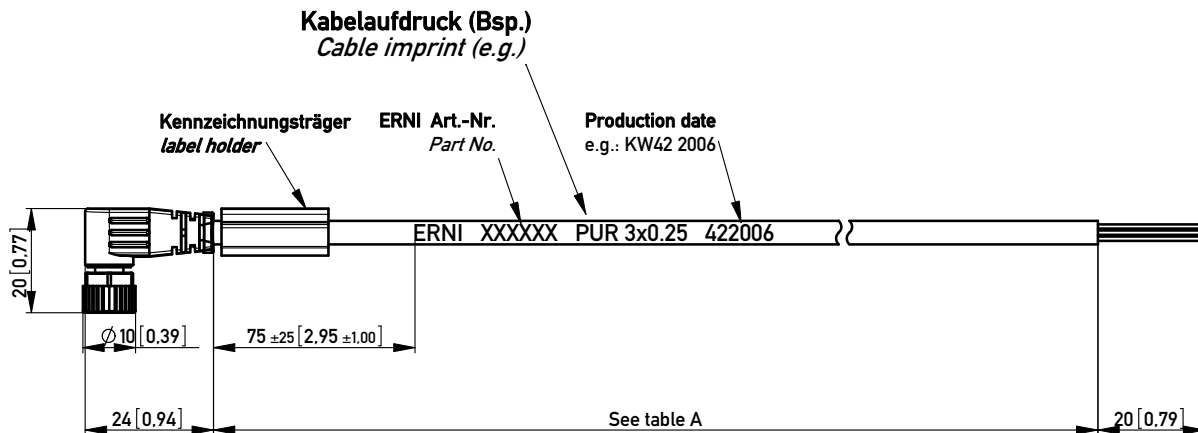
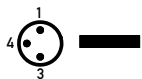


TECHNISCHE SKIZZE / *Technical sketch*

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.



Ansicht: Steckgesicht; Kontaktbelegung /
View: mating face; pin assignment

STROMLAUFPLAN / Schematic diagram

- | | | | |
|---|---|--------------------------|-------------------------------------|
| 1 |  | Litze braun (+) | <i>flexible conductor brown (+)</i> |
| 4 |  | Litze schwarz (S) | <i>flexible conductor black (S)</i> |
| 3 |  | Litze blau (-) | <i>flexible conductor blue (-)</i> |

SPECIFICATIONS Circular Connector

Technical Specifications		Standard applic.	Value	Electrical Data	Standard applic.	Value
Housing:			M8 female, angled, black - open end of line	Rated (nominal) voltage; max.	IEC 61-076-2-101	60 V AC/DC
Pin assignment:			3 pin	Rated current; per contact, max.	IEC 61-076-2-101	4 A
Coding:			A-coding	Rated impulse voltage	IEC 61-076-2-101	1,5 kV
Connection:			Screw locking	Approvals Protection class (mated and locked) IEC 60529		
			M8x1mm (0,4 Nm)			
LED:			-	IP67		
Packaging:			1 piece per bag	Pollution degree	3	

Materials & Finish

Contact material:		
a) male	Standard description	-
b) female	Standard description	CuNi2Si HV160U
Contact finish, mating zone:		
a) male	Thickness of plating	-
b) female	Thickness of plating	0.8 µm Au (partial)
Screw material:	Standard description	Zinc pressure die casting
Screw plating:	Standard description	Ni 4-6 µm

Cable (additional info see table)

Jacket color	black
Conductor cross-section	3 x 0.25 mm ²
Bending radius min.	10 x jacket diameter

Artikel-Nr. Part No.	Leitungslänge (A) Cable length (A)	Kupfergewicht Copper weight	Kabelmantel Jacket material	Außendurchmesser Jacket diameter	Aderisolation Wire isolation	Zul. Temp.-Bereich für Kabel Permissible temp. for cable
223711	1.500 +100 mm [59.05 +4 in]	13 g	PUR (UL/CSA)	4,1 mm ±5% [0.161 in ±5%]	PP	-25... +80 °C
	3.000 +100 mm [59.05 +4 in]	25 g				
	5.000 +100 mm [196.85 +4 in]	41 g				
	7.500 +100 mm [295.28 +4 in]	60 g				
	10.000 +100 mm [393.70 +4 in]	80 g				
	1.500 +100 mm [59.05 +4 in]	13 g	PVC	4,4 mm ±5% [0.173 in ±5%]	PVC	-5... +70 °C
223770	3.000 +100 mm [59.05 +4 in]	25 g				
	5.000 +100 mm [196.85 +4 in]	41 g				
	7.500 +100 mm [295.28 +4 in]	60 g				
	10.000 +100 mm [393.70 +4 in]	80 g				

Information: All rights reserved. Only for Information. To ensure that this is the latest version of this drawing, please contact one of the ERNI companies before using.	Tolerances		 All Dimensions in mm [in]		Scale 1:1	
	Subject to modification without prior notice. Drawing will not be updated.		Designation CCCS M8, 3pin / pigtail			
	 www.ERNI.com		224894		I A3	
-		23.05.2007				
Index		Date		Class CCCS		