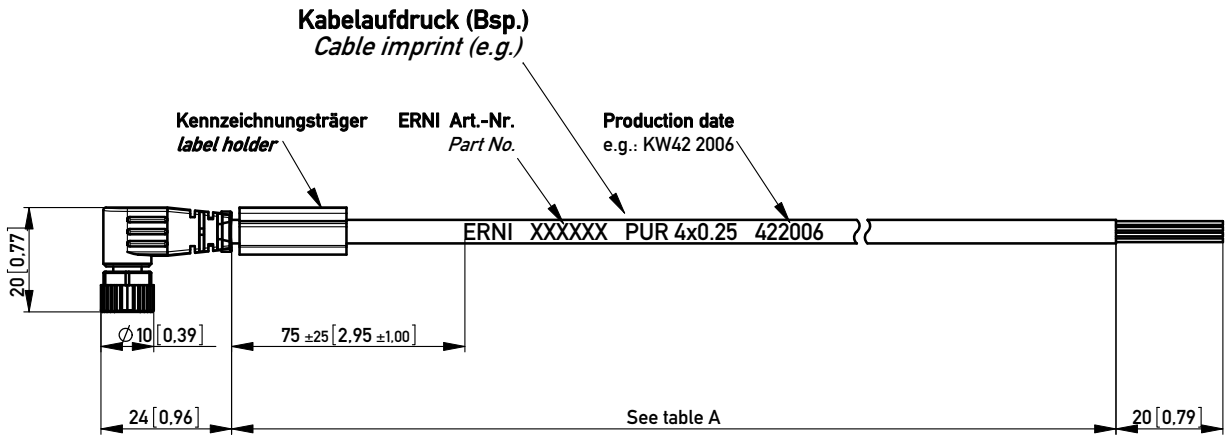
TECHNISCHE SKIZZE / *Technical sketch*



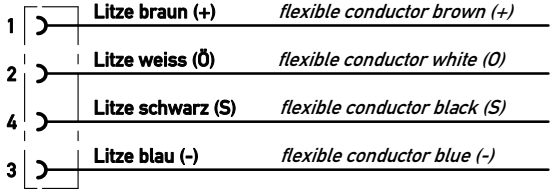


Ansicht: Steckgesicht; Kontaktbelegung /
View: mating face; pin assignment

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*



SPECIFICATIONS Circular Connector

Technical Specifications	**Standard applic.**	**Value**
Housing:		M8 female, angled, black - open end of line
Pin assignment:		4 pin
Coding:		A-coding
Connection:		Screw locking M8x1mm (0,4 Nm)
LED:		-
Packaging:		1 piece per bag
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		4 x 0,25 mm²
Bending radius min.		10 x jacket diameter

Electrical Data	**Standard applic.**	**Value**
Rated (nominal) voltage; max.	IEC 61-076-2-101	30 V AC/DC
Rated current; per contact, max.	IEC 61-076-2-101	4 A
Rated impulse voltage	IEC 61-076-2-101	0,8 kV
Approvals		
Protection class (mated and locked)	IEC 60529	IP67
Pollution degree		3
Insulation category	IEC 60664-1	I
RoHS compliant		Yes

Artikel-Nr. *Part No.*	**Leitungslänge (A)** *Cable length (A)*	**Kupfer-gewicht** *Copper weight*	**Kabelmantel** *Jacket material*	**Außendurchmesser** *Jacket diameter*	**Aderisolation** *Wire isolation*	**Zul. Temp.-Bereich für Kabel** *Permissable temp. for cable*
	1.500 +100 mm [59.05 +4 in]	17 g	PUR (UL/CSA)	4,4 mm ±5% [0.173 in ±5%]	PP	-25... +80 °C
223772	3.000 +100 mm [59.05 +4 in]	33 g				
	5.000 +100 mm [196.85 +4 in]	54 g				
	7.500 +100 mm [295.28 +4 in]	80 g				
	10.000 +100 mm [393.70 +4 in]	107 g				
	1.500 +100 mm [59.05 +4 in]	17 g	PVC	4,7 mm ±5% [0.185 in ±5%]	PVC	-5... +70 °C
223771	3.000 +100 mm [59.05 +4 in]	33 g				
	5.000 +100 mm [196.85 +4 in]	54 g				
	7.500 +100 mm [295.28 +4 in]	80 g				
	10.000 +100 mm [393.70 +4 in]	107 g				

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Information:

Tolerances

All Dimensions in mm [in]

Scale 1:1

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To ensure that this is the latest version of this drawing, please contact one of the ERNI companies before using.

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

Designation

CCCS M8, 4pin / pigtail

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-		23.05.2007	
Index		Date	

Class CCCS