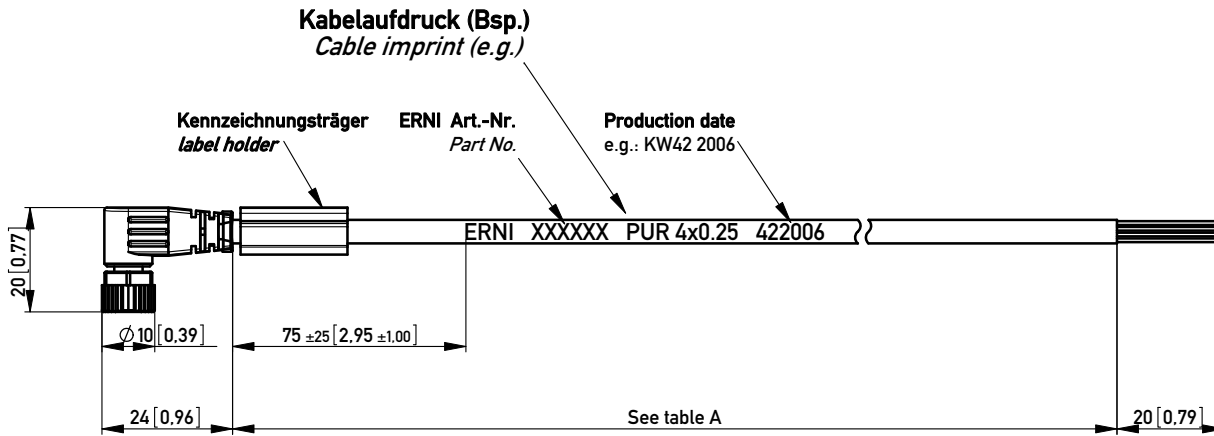


TECHNISCHE SKIZZE / Technical sketch

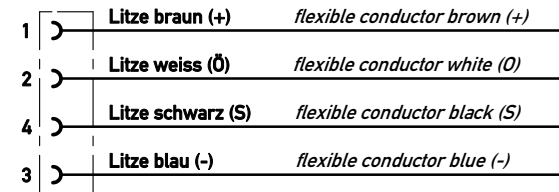


Ansicht: Steckgesicht; Kontaktbelegung /  
View: mating face; pin assignment

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

STROMLAUFPLAN / Schematic diagram



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	30 V AC/DC
Pin assignment:		4 pin	Rated current; per contact, max.	IEC 61-076-2-101	4 A
Coding:		A-coding	Rated impulse voltage	IEC 61-076-2-101	0.8 kV
Connection:		Screw locking	<b>Approvals</b>		
LED:		M8x1mm (0.4 Nm)	Protection class		
Packaging:		1 piece per bag	(mated and locked) IEC 60529		IP67
			Pollution degree		3
			Insulation category	IEC 60664-1	I
			RoHS compliant		Yes

Materials & Finish	Standard description	Value
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)	Value
Jacket color	black
Conductor cross-section	4 x 0.25 mm <sup>2</sup>
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
	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	PVC	4,7 mm ±5% [0.185 in ±5%]	PVC	-5... +70 °C
223771	1.500 +100 mm [59.05 +4 in]	17 g				
	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				

Information:	Tolerances	 All Dimensions in mm [in]	Scale	1:1
	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.		Designation <b>CCCS M8, 4pin / pigtail</b>	
Subject to modification without prior notice. Drawing will not be updated.		 www.ERNI.com	<b>224895</b>	
-	23.05.2007		Class CCCS	
Index	Date			

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