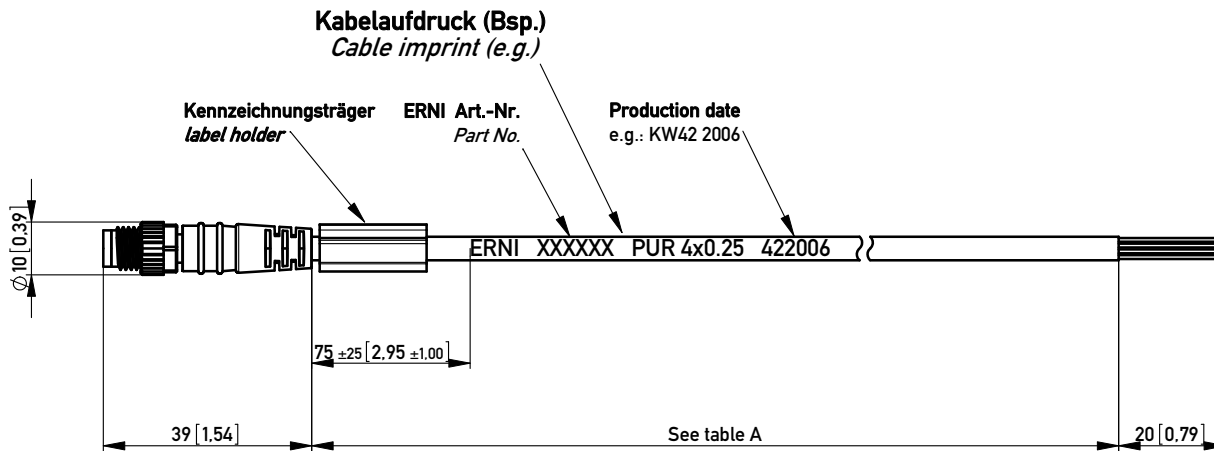


TECHNISCHE SKIZZE / Technical sketch

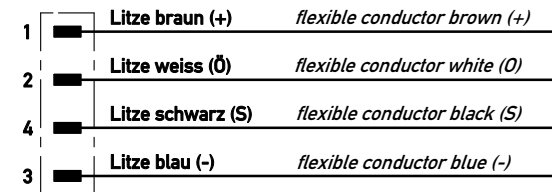


Ansicht: Steckgesicht; Kontaktbelegung /
View: mating face; pin assignment

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 male, straight, 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 M8x1mm (0,4 Nm)	Approvals		
LED:		-	Protection class	(mated and locked) IEC 60529	IP67
Packaging:		1 piece per bag	Pollution degree		3
Materials & Finish			Insulation category	IEC 60664-1	I
Contact material:			RoHS compliant		Yes
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		black			
Conductor cross-section		4 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
	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
223762	3.000 +100 mm [59.05 +4 in]	33 g				
225103	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.		Subject to modification without prior notice. Drawing will not be updated.		Designation CCCS M8, 4pin / pigtail
www.ERNI.com		224889		I (1/1) A3
a	11.05.2010	Class		CCCS
Index	Date			

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