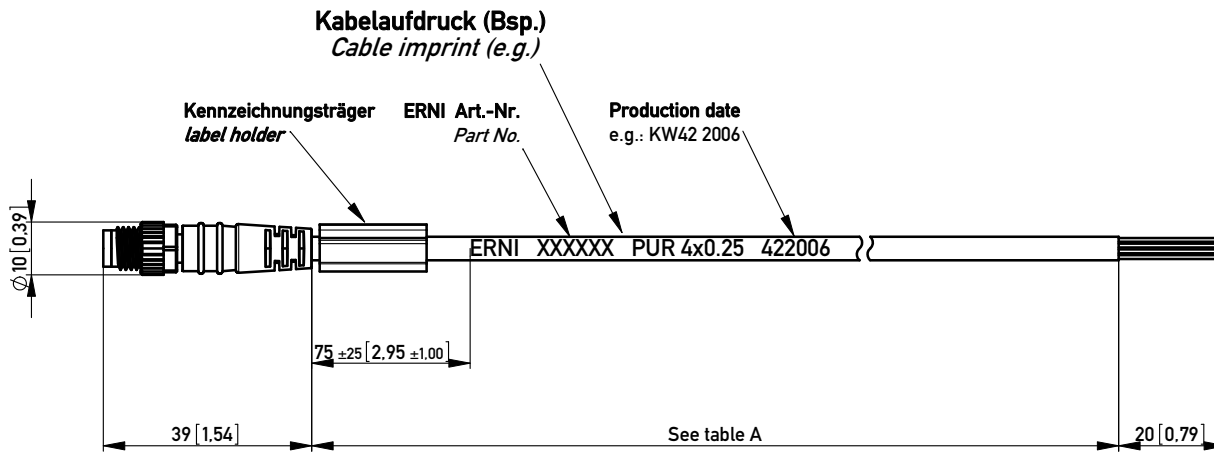


TECHNISCHE SKIZZE / Technical sketch



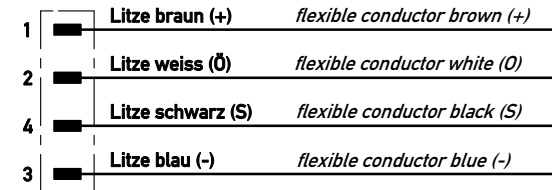
Ansicht: Steckgesicht; Kontaktbelegung /
View: mating face; pin assignment

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		IP67
Packaging:		1 piece per bag	(mated and locked)	IEC 60529	3
			Pollution degree		I
			Insulation category	IEC 60664-1	Yes
			RoHS compliant		
Materials & Finish					
Contact material:					
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	Scale 1:1
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		CCCS M8, 4pin / pigtail
www.ERNI.com	224889	I (1/1) A3
a Index	11.05.2010 Date	Class CCCS

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