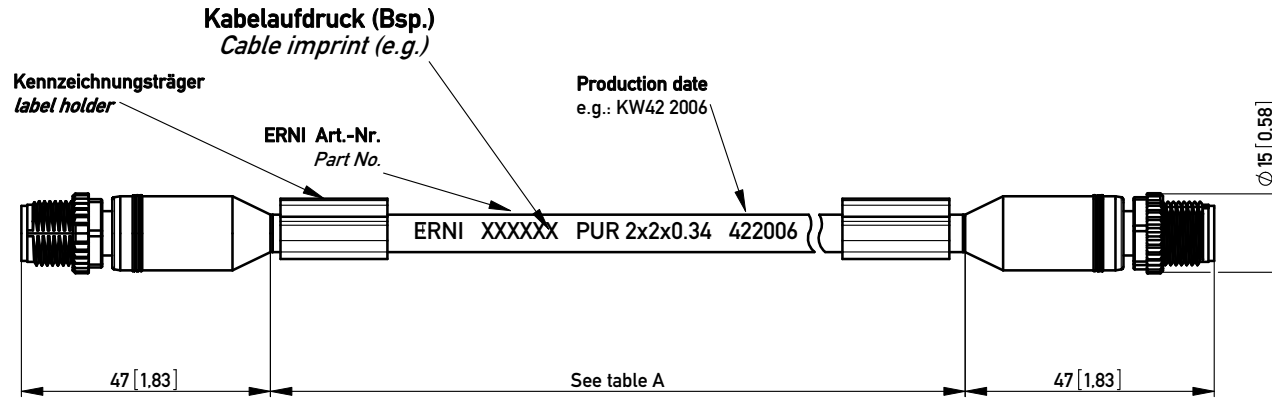


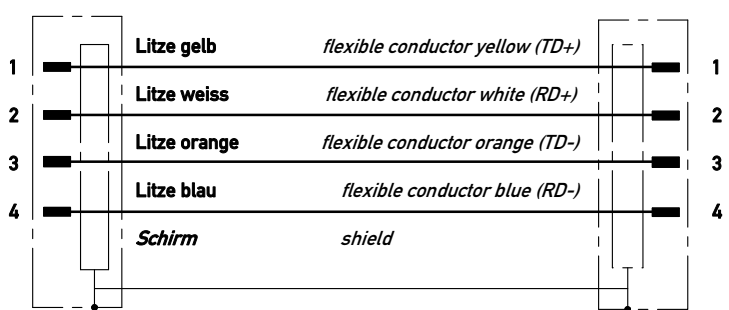
TECHNISCHE SKIZZE / Technical sketch



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.

STROMLAUFPLAN / Schematic diagram



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



SPECIFICATIONS Circular Connector

Technical Specifications	Standard applic.	Value	Electrical Data	Standard applic.	Value
Housing:		M12 male, straight, black	Rated (nominal) voltage; max.	IEC 61-076-2-101	60 V DC
Pin assignment:		M12 male, straight black	Rated current; per contact, max.	IEC 61-076-2-101	4 A
Coding:		4 pin	Rated impulse voltage	IEC 61-076-2-101	1.5 kV
Connection:		D-coding	Approvals		
LED:		Screw locking	Protection class	(mated and locked) IEC 60529	IP67
Packaging:		M12x1mm (0.6 Nm)	Pollution degree		3
		1 piece per bag	Insulation category	IEC 60664-1	II
			RoHS compliant		Yes
Materials & Finish					
Contact material:			Part Marking (cable imprint)		
a) male	Standard description	CuZn39Pb3F50	Part number		required
b) female	Standard description	-	Company Logo		required
Contact finish, mating zone:			Date of manufacturing		required
a) male	Thickness of plating	0.5 µm Au over 2 µm Ni	Jacket material		required
b) female	Thickness of plating	-	Flex. conductor diameter		required
Screw material:	Standard description	Zinc pressure die casting	Transmissiion Characteristics IEC 11801		
Screw plating:	Standard description	Ni 4-6 µm			Class D
Cable (additional info see table)					
Jacket color		green (RAL 6018)			
Conductor cross-section		2 x 2 x 0.34 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
	300 +30 mm [11.81 +1.2 in]		PUR, shielded (UL/CSA)	6.5 mm ±5% [0.263 in ±5%]	PO	-20... +60 °C (permanently installed) -25... +80 °C (movably mounted)
	600 +60 mm [23.62 +2.4 in]					
	1.000 +100 mm [39.37 +4 in]					
223922	1.500 +100 mm [59.05 +4 in]	57 g				
	2.000 +100 mm [78.74 +4 in]					
223921	3.000 + 100 mm [118.11 +4 in]	110 g				

Information:		Tolerances		Scale	1:1
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		www.ERNI.com		CCCS M12, 4pin / M12, 4pin D-coding	
				354167	
C	17.12.2009			I	
Index	Date			A3	
				Class	
				CCCS	

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