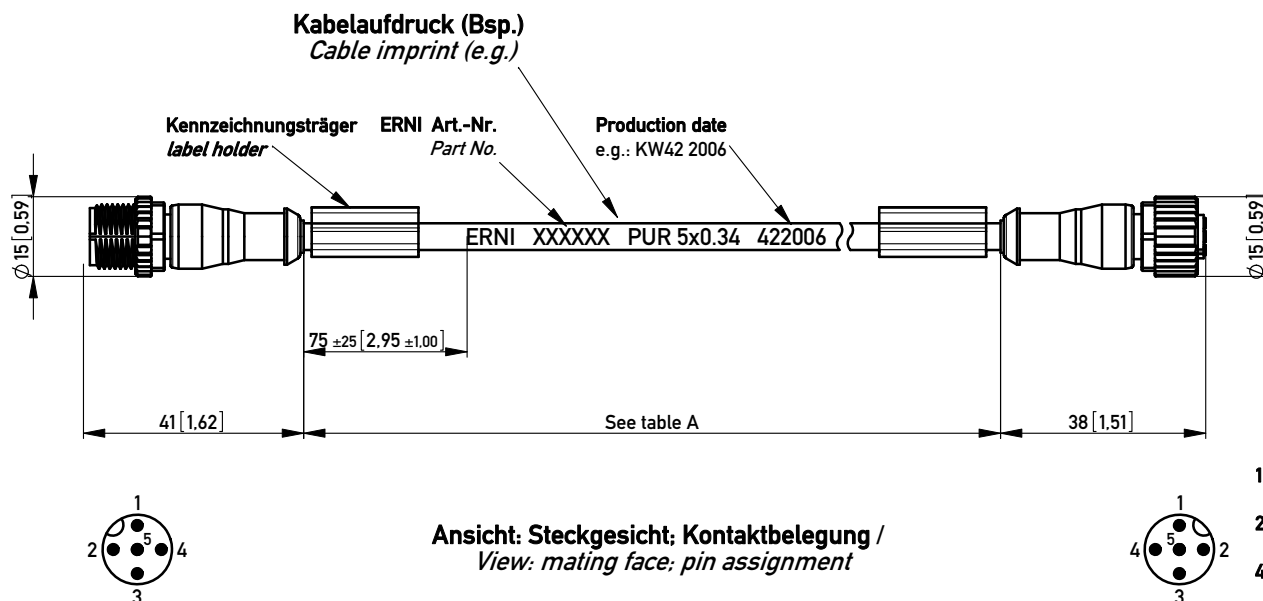


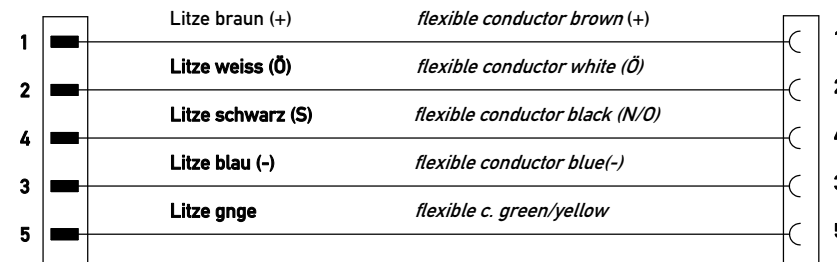
TECHNISCHE SKIZZE / *Technical sketch*



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*



SPECIFICATIONS Circular Connector

Technical Specifications	Standard applic.	Value	Electrical Data	Standard applic.	Value
Housing:		M12 male, straight, black - M12 female, straight, black	Rated (nominal) voltage; max.	IEC 61-076-2-101	125 V AC/DC
Pin assignment:		5 pin	Rated current; per contact, max.	IEC 61-076-2-101	4 A
Coding:		A-coding	Rated impulse voltage	IEC 61-076-2-101	1,5 kV
Connection:		Screw locking M12x1mm (0,6 Nm)	Approvals		
LED:		-	Protection class	(mated and locked) IEC 60529	IP67
Packaging:		1 piece per bag	Pollution degree		3
			Insulation category	IEC 60664-1	1
			RoHS compliant		Yes

Materials & Finish

Contact material:		
a) male	Standard description	CuZn39Pb3F50
b) female	Standard description	CuNi2Si HV160U
Contact finish, mating zone:		
a) male	Thickness of plating	0,5 µm Au over 2 µm Ni
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	5 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 (UL/CSA)	5.0 mm ±5% [0.196 in ±5%]	TPM	-25... +80 °C
	600 +60 mm [23.62 +2.4 in]					
223944	1.000 +100 mm [39.37 +4 in]	20 g				
	1.500 +100 mm [59.05 +4 in]					
	2.000 +100 mm [78.74 +4 in]					

Information:	Tolerances	Scale 1:1
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		CCCS M12, 5pin / M12, 5pin A-coding
ERNI	www.ERNI.com	223945
-	20.08.2008	I
Index	Date	A3
Class		CCCS

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