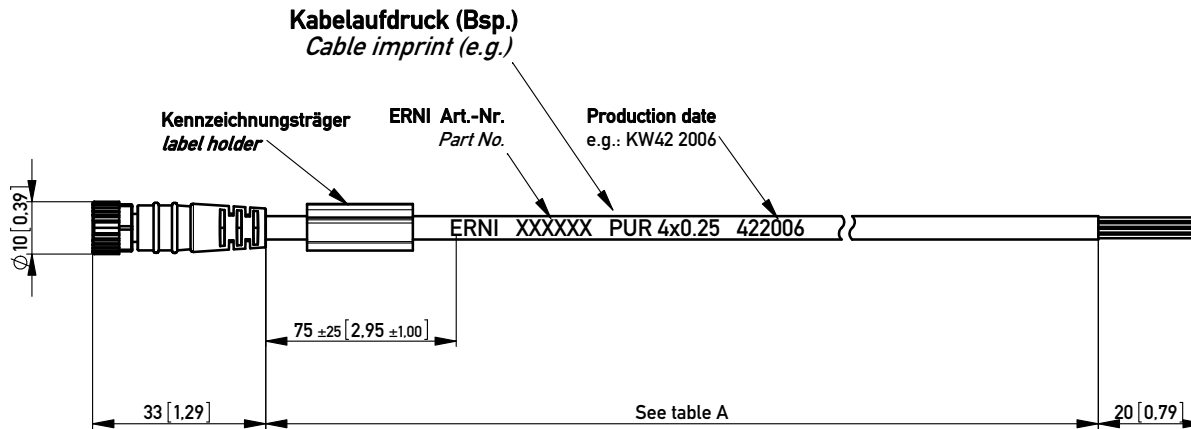


TECHNISCHE SKIZZE / Technical sketch



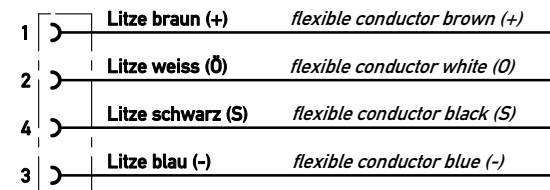
Ansicht: Steckgesicht: Kontaktbelegung / View: mating face: pin assignment



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, 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	<b>Approvals</b>		
LED:		M8x1mm (0.4 Nm)	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
<b>Materials &amp; Finish</b>			<b>Part Marking (cable imprint)</b>		
Contact material:			Part number		required
a) male	Standard description	-	Company Logo		required
b) female	Standard description	CuNi2Si HV160U	Date of manufacturing		required
Contact finish, mating zone:			Jacket material		required
a) male	Thickness of plating	-	Flex. conductor diameter		required
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			
<b>Cable (additional info see table)</b>					
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	
223769	1.500 +100 mm [59.05 +4 in]	17 g	PUR (UL/CSA)	4,4 mm ±5% [0.173in ±5%]	PP	-25... +80 °C	
	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					
223933	10.000 +100 mm [393.70 +4 in]	107 g	PVC	4,7 mm ±5% [0.185 in ±5%]	PVC	-5... +70 °C	
	1.500 +100 mm [59.05 +4 in]	17 g					
	223767	3.000 +100 mm [59.05 +4 in]					33 g
	225463	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
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Index	Class	CCCS

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