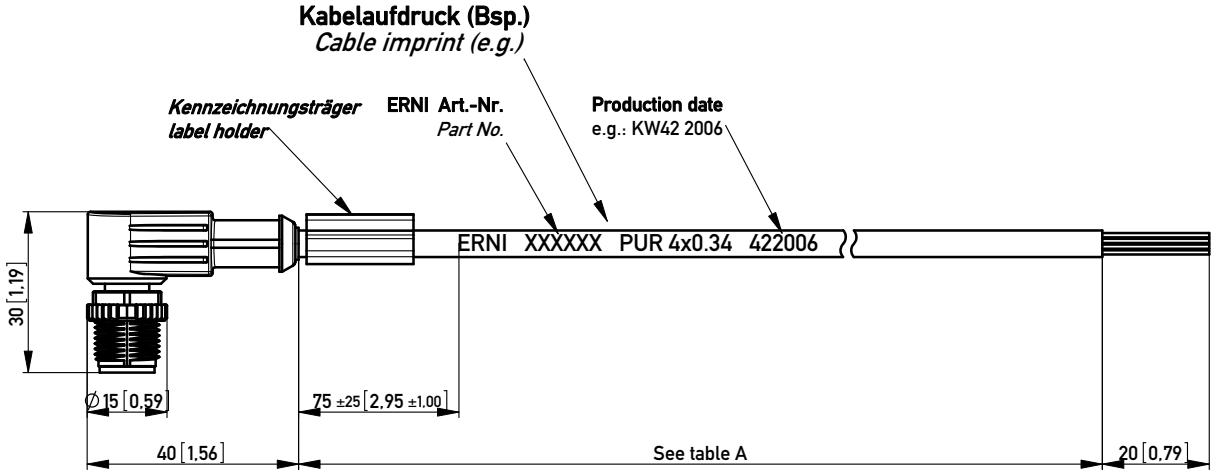
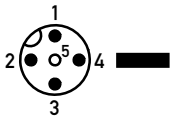
TECHNISCHE SKIZZE / *Technical sketch*



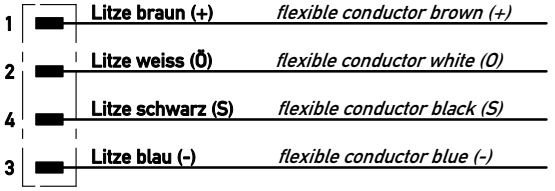


Ansicht: Steckgesicht; Kontaktbelegung /
View: mating face; pin assignment

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 restistant). When using agressive media, material resistance based on application must be checked.

STROMLAUFPLAN / *Schematic diagram*



SPECIFICATIONS Circular Connector

Technical Specifications	Standard applic.	Value
Housing:		M12 male, angled, black - open end of line
Pin assignment:		4 pin
Coding:		A-coding
Connection:		Screw locking M12x1mm (0,6 Nm)
LED:		-
Packaging:		1 piece per bag
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 0,34 mm²
Bending radius min.		10 x jacket diameter

Electrical Data	Standard applic.	Value
Rated (nominal) voltage; max.	IEC 61-076-2-101	250 V AC/DC
Rated current; per contact, max.	IEC 61-076-2-101	4 A
Rated impulse voltage	IEC 61-076-2-101	2,5 kV
Approvals		
Protection class (mated and locked)	IEC 60529	IP67
Pollution degree		3
Insulation category	IEC 60664-1	I
RoHS compliant		Yes

Artikel-Nr. *Part No.*	Leitungslänge (A) *Cable length (A)*	Kupfer-gewicht *Copper weight*	Kabelmantel *Jacket material*	Außendurchmesser *Jacket diameter*	Aderisolation *Wire isolation*	Zul. Temp.-Bereich für Kabel *Permissable temp. for cable*
	1.500 +100 mm [59.05 +4 in]	23 g	PVC	5,2 mm ±5% [0.205 in ±5%]	PVC	-5... +70 °C
223782	3.000 +100 mm [59.05 +4 in]	45 g				
	5.000 +100 mm [196.85 +4 in]	74 g				
	7.500 +100 mm [295.28 +4 in]	109 g				
	10.000 +100 mm [393.70 +4 in]	146 g				

Information:

Tolerances

All Dimensions in mm [in]

Scale 1:1

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Subject to modification without prior notice.
Drawing will not be updated.

Designation
CCCS M12, 4pin / pigtail
A-coding

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-		24.05.2007	
Index		Date	

Class CCCS