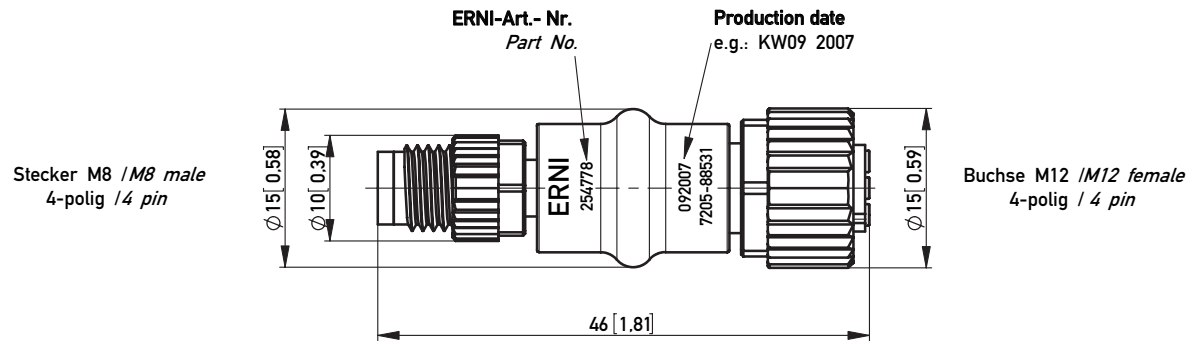


## BAUTEILE / FERTIGUNGSHINWEISE Piece parts / Manufacturing notices

- **Aufdruck mittels Tampondruck entspr. techn. Skizze**  
*Imprint see technical sketch*
- **Gute Chemikalien- und Ölbeständigkeit. Beim Einsatz aggressiver Medien ist die Materialbeständigkeit applikationsbezogen zu überprüfen.**  
*Good chemical and oil resistance. When using aggressive media, material resistance based on application must be checked.*

### TECHNISCHE SKIZZE / Technical sketch

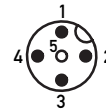


Stecker M8 / M8 male  
4-polig / 4 pin

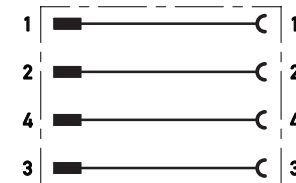
Buchse M12 / M12 female  
4-polig / 4 pin



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



### STROMLAUFPLAN / Schematic diagram





Artikel-Nr. / Part No.

**254778**

## SPECIFICATIONS Circular Connector

Technical Specifications	Standard applic.	Value	Electrical Data	Standard applic.	Value
Type:		Adaptor M8 male - M12 female, black	Rated (nominal) voltage; max.	IEC 61-076-2-101	24 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 M8x1 (0.4 Nm) / M12x1 (0.6 Nm)	<b>Approvals</b>		
Temperature range:		-25...+85°C	Protection class	(mated and locked) IEC 60529	IP67
Packaging:		1 piece per bag	Pollution degree		3
<b>Materials &amp; Finish</b>			Insulation category	IEC 60664-1	I
Contact material:			RoHS compliant		Yes
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)			
Insulation material:	Standard description	Elastollan R 3000 A			

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Information:	Tolerances	 All Dimensions in mm	Scale	2:1
All rights reserved. Only for Information. To ensure that this is the latest version of this drawing, please contact one of the ERNI companies before using.	Subject to modification without prior notice. Drawing will not be updated.	Designation <b>CCA M8, 4pin / M12, 4pin A-coding</b>		
 www.ERNI.com		<b>254779</b>		I A3
Index	Date	Class		CCA