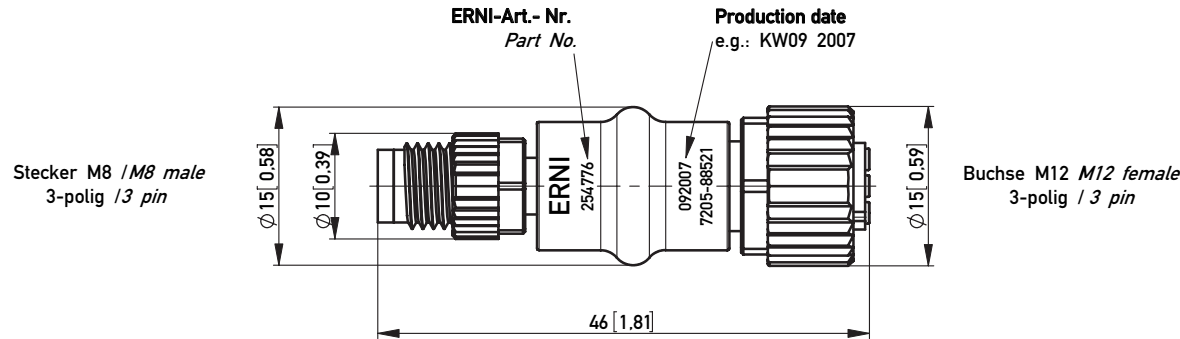


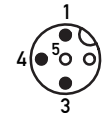
## BAUTEILE / FERTIGUNGSHINWEISE Piece parts / Manufacturing notices

- **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.*

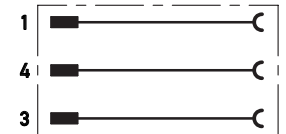
### TECHNISCHE SKIZZE / Technical sketch



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



### STROMLAUFPLAN / Schematic diagram



## 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:		3 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			

Artikel-Nr. / Part No.

**254776**

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.		Designation <b>CCA M8, 3pin / M12, 3pin</b> <b>A-coding</b>	
Subject to modification without prior notice. Drawing will not be updated.		 www.ERNI.com	<b>254777</b>	
Index	Date	Class		CCA
			I	A3

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