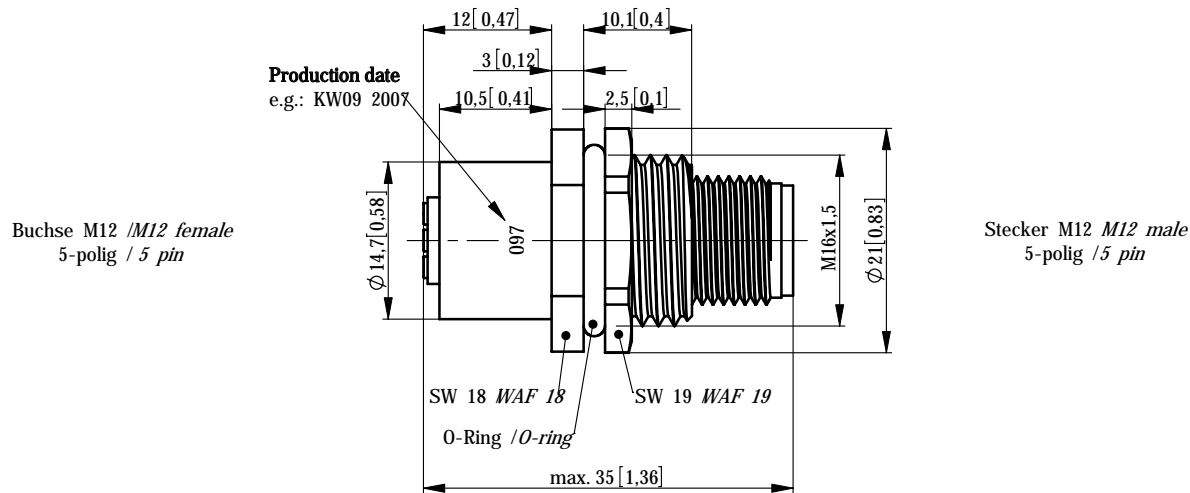


BAUTEILE / FERTIGUNGSHINWEISE
Piece parts / Manufacturing notices

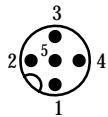
- **Aufdruck Produktionsdatum mittels Tintenstrahldrucker**
Imprint production date with ink-jet printer
- **Gute Chemikalien- und Ölbeständigkeit. Beim Einsatz aggressiver Medien ist die Materialbeständigkeit applikationsbezogen zu überprüfen.**
Good chemical and oil resistance. When using aggressive media, material resistance based on application must be checked.

TECHNISCHE SKIZZE / Technical sketch

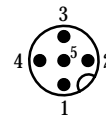


Buchse M12 /M12 female
 5-polig / 5 pin

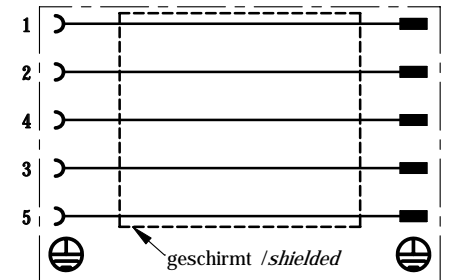
Stecker M12 /M12 male
 5-polig / 5 pin



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



STROMLAUFPLAN / Schematic diagram



Artikel-Nr. /Part No.

254780

SPECIFICATIONS Circular Connector

Technical Specifications	Standard applic.	Value	Electrical Data	Standard applic.	Value
Type:		Panel feed-through M12 female / male	Rated (nominal) voltage; max.	IEC 61-076-2-101	24 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	0,8 kV
Connection:		Screw locking M12x1 (0,6 Nm)	Approvals		
Temperature range:		-25...+90°C	Protection class	(mated and locked) IEC 60529	IP67
Packaging:		1 piece per bag	Pollution degree		3
			Insulation category	IEC 60664-1	I
			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)
Insulation material:	Standard description	Elastollan R 3000 A
Housing material:	Standard description	CuZn40Pb2; Ni plating

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Information:	Tolerances	All Dimensions in mm [in]	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 CCA M12, 5pin / M12, 5pin A-coding		
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Index	Date	Class CCA		