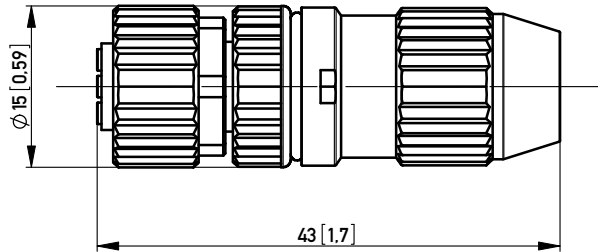
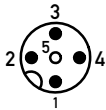


## TECHNISCHE SKIZZE / Technical sketch

Buchse M12 / M12 female  
4-polig / 4 pin



Quick termination  
technique (IDC)



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

## STROMLAUFPLAN / Schematic diagram

Anschluss für: connection for:



## SPECIFICATIONS Circular Connector

Technical Specifications	Standard applic.	Value	Electrical Data	Standard applic.	Value
Type:		M12 female, Quick Termination (IDC)	Rated (nominal) voltage; max.	IEC 61-076-2-101	32 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 M12x1mm (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
			Insulation category	IEC 60664-1	I
			RoHS compliant		Yes
<b>Cable Termination</b>		Quick Termination (IDC)			
Termination:		2,9 - 4,0 mm ( transparent seal )			
Cable jacket dia:		4,0 - 5,1 mm ( black seal )			
Conductor cross-section:		0,14 - 0,34 mm <sup>2</sup>			
Diameter of individual strands:		min. 0,1 mm			
Reconnection (same cross section)		10			

### Materials & Finish

Contact material:		
a) male	Standard description	-
b) female	Standard description	CuNi2Si HV160U
Contact finish, mating zone:		
a) male	Thickness of plating	-
b) female	Thickness of plating	0,8 µm Au (partial)
Insulation material:	Standard description	PVC/PP/TPE

Artikel-Nr. / Part No.

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Information:		Tolerances		Scale	2:1
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		www.ERNI.com		CCA M12, 4pin / IDC A-coding	
				254771	
A	28.10.2008			I	
Index	Date			A3	
				Class	CCA