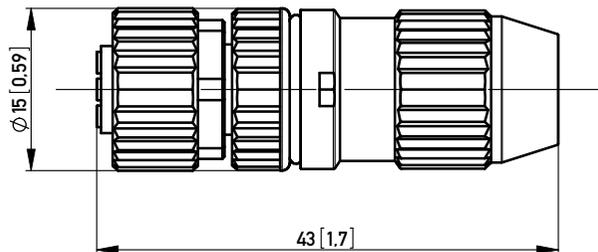
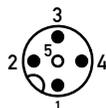


**TECHNISCHE SKIZZE / Technical sketch**

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

**Cable Termination**

Termination:	Quick Termination (IDC)
Cable jacket dia:	2,9 - 4,0 mm ( transparent seal ) 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.

**254770**

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

Copyright by ERNI GmbH. Proprietary notice pursuant to ISO 16016 to be observed.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[ERNI Electronics:](#)

[254770](#)