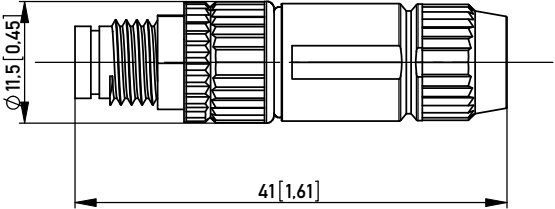


TECHNISCHE SKIZZE / *Technical sketch*

Stecker M8 / *M8 male*
3-polig / *3 pin*



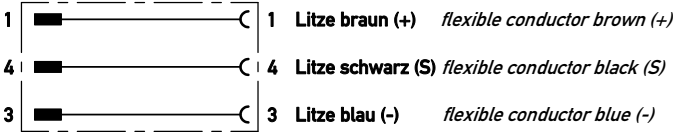
Quick termination
technique (IDC)



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:		M8 male, Quick Termination (IDC)	Rated (nominal) voltage: max.	IEC 61-076-2-101	32 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 M8x1mm (0.4 Nm)			
Temperature range:		-25...+85°C			
Packaging:		1 piece per bag			
Approvals					
Protection class					
(mated and locked) IEC 60529					
IP67					
Pollution degree					
3					
Insulation category					
IEC 60664-1					
I					
RoHS compliant					
Yes					
Cable Termination					
Termination:		Quick Termination (IDC)			
Cable jacket diameter:		2.5 mm - 5.1 mm			
Wire diameter:		1.0 mm - 1.7 mm			
Conductor cross-section:		0.14 - 0.34 mm ²			
Diameter of individual strands:		min. 0.1 mm			
Reconnection (same cross section)		10			
Materials & Finish					
Contact material:					
a) male	Standard description	CuZn39Pb3F50			
b) female	Standard description	-			
Contact finish, mating zone:					
a) male	Thickness of plating	0.5 µm Au over 2 µm Ni			
b) female	Thickness of plating	-			
Insulation material:	Standard description	PVC/PP/TPE			

Artikel-Nr. / *Part No.*

254758

Information:		Tolerances		Scale	2:1
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				CCA M8, 3pin / IDC	
		www.ERNI.com		254759	
B		19.03.2009		I	
Index		Date		A3	
				Class	CCA

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