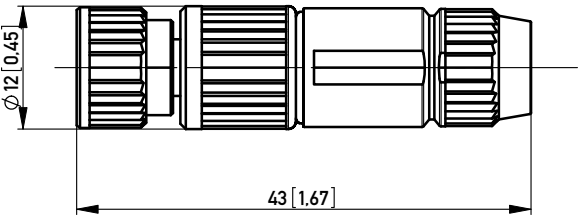


TECHNISCHE SKIZZE / *Technical sketch*

Buchse M8 / *M8 female*
3-polig / *3 pin*



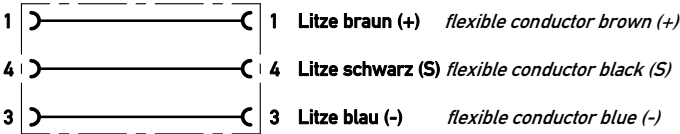
Quick termination
technique (IDC)



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 female, 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)	Approvals		
Temperature range:		-25...+85°C			
Packaging:		1 piece per bag			
Cable Termination			Protection class		
Termination:		Quick Termination (IDC)	(mated and locked)	IEC 60529	IP67
Cable jacket diameter:		2,5 mm - 5,1 mm	Pollution degree		3
Wire diameter:		1,0 mm - 1,7 mm	Insulation category	IEC 60664-1	I
Conductor cross-section:		0,14 - 0,34 mm ²	RoHS compliant		Yes
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.*

254760

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Information:				Tolerances		 All Dimensions in mm[in]		Scale		2:1	
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						CCA M8, 3pin / IDC					
						254761					
A				28.10.2008				I		A3	
Index				Date				Class		CCA	

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