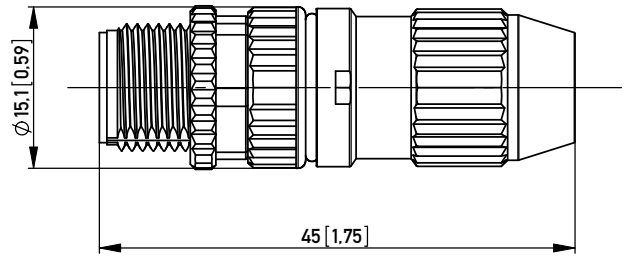
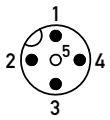
TECHNISCHE SKIZZE / *Technical sketch*

Stecker M12 / *M12 male*
4-polig / *4 pin*



Quick termination
technique (IDC)



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

STROMLAUFPLAN / *Schematic diagram*



SPECIFICATIONS Circular Connector

Technical Specifications	Standard applic.	Value
Type:		M12 male, Quick Termination (IDC)
Pin assignment:		4 pin
Coding:		A-coding
Connection:		Screw locking M12x1mm (0.6 Nm)
Temperature range:		-25…+85°C
Packaging:		1 piece per bag
Cable Termination		
Termination:		Quick Termiation (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^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

Electrical Data	Standard applic.	Value
Rated (nominal) voltage: max.	IEC 61-076-2-101	32 V AC/DC
Rated current: per contact, max.	IEC 61-076-2-101	4 A
Rated impulse voltage	IEC 61-076-2-101	0.8 kV
Approvals		
Protection class (mated and locked)	IEC 60529	IP67
Pollution degree		3
Insulation category	IEC 60664-1	I
RoHS compliant		Yes

Artikel-Nr. / *Part No.*

254768

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Information:

Tolerances

All Dimensions in mm [in]

Scale 2:1

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Subject to modification without prior notice.
Drawing will not be updated.

Designation
CCA M12, 4pin / IDC
A-coding

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Index		Date	

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