

speedtec - ready

8-pin

EMC - Shielding

Earth-to-Housing Connection according to VDE 0627

Anti-vibration o-ring

Technical Data

number of pins	8
power	4 (3+PE)
signal	4
temperature range	-20 °C to 130 °C
clamping range	Ø 7.5 mm to Ø 12.0 mm
protection type	when connected IP 66/67

Electrical Data

	power	signal
rated current	max. 30 A*	max. 7 A*
rated voltage	630V (AC/DC)	250 V (AC/DC)
rated insulation voltage (L-L)	6000 V	2500 V

mating cycles	500
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Data according to VDE 0110/EN61984, Paragraph 6.19.2.2

pollution degree	3
over voltage category	III
max. height for operation	2000 m

Material

housing	zinc diecast / nickel plated
insulation insert	PA 6.6 mod., UL 94/V0
seals	FKM
contacts	brass / gold plated
contacts	brass / gold plated
clamp ring	brass / nickel plated

Contacts

Item:	61.021.11
type	Contact Pin ø2.0 mm
cross section	crimp/ 0,35 - 2,50 mm ²
contact resistance	< 3 mOhm

Item:	61.020.11
type	Contact Pin ø1.0 mm
cross section	crimp/ 0.14 - 1.00 mm ²
contact resistance	< 5 mOhm

Tools (not part of product contents)

digital crimping tool for 1mm-/2 mm- contacts
 Item: C0.236.00

analog crimping tool for 1 mm-/2 mm- contacts
 Item: C0.201.00

positioning insert for ø2mm contacts
 Item: C0.004.00

B KU A 199 MR 24 48 0200 A00



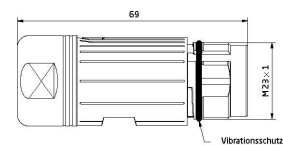
Contact Arrangement
mating view



Contact Pin ø2.0 mm
crimp/ 0,35 - 2,50 mm²
Item: 61.021.11



Contact Pin ø1.0 mm
crimp/ 0.14 - 1.00 mm²
Item: 61.020.11



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Main Dimensions
Extension

*for max. wire cross-section
 pay attention to the
 cross-section of used contacts