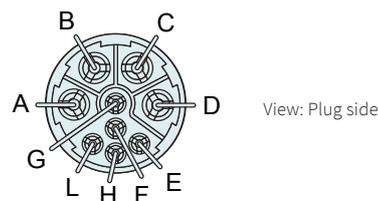
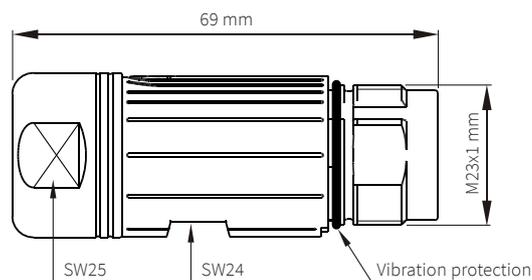


Motor Connector MC01-C/m

923 Extension

Short

9-pin
EMC-Shielding



Motor connector wiring	Pin	Wire color motor cable
Ph 1+	A	red
Ph 1-	B	pink
Ph 2+	C	blue
Ph 2-	D	grey
+5VDC	E	white
GND	F	inner shield
Sensor Sine	G	yellow
Sensor Cosine	H	green
Temp. Sensor	L	black
Schild	housing	outer shield



Contact pin 2 mm
Included in delivery (4x)
Crimp: 0,35 - 2,5 mm²
TE part no.: 61.010.11



Contact pin 1 mm
Included in delivery (5x)
Crimp: 0,06 - 1,0 mm²
TE part no.: 61.009.11

Technical Data	
Number of pins	9
Power	4
Signal	5
Temperature range	-20 °C to 130 °C
Clamping range	ø7,5 - ø12,0 mm
Protection type	IP 67 when connected
Electrical Data	
Power	Signal
Rated current	max. 30 A ¹⁾
Rated voltage	150 V (AC/DC) ²⁾
Test voltage (L-L)	6000 V
Contact resistance	<3 mOhm
Mating cycles	> 50
Data according to VDE 0110/ EN61984, Paragraph 6.19.2.2	
Pollution degree	3
Over voltage category	III
Max. height for operation	4000 m
Werkstoffe	
Housing	Zinc diecast, nickel plated
Clamp ring	Brass, nickel plated
Insulation insert	PA 6.6 mod., UL 94/ V0
Contact	Brass, gold plated
Seals	FPM
Contacts Power (Scope of supply 4x)	
TE part no.: 61.010.11	
Type	Contact pin 2 mm
Cross-section	Crimp/ 0,35 - 2,5 mm ²
Contact retention forces	>45 N
Contacts Signal (Scope of supply 5x)	
TE part no.: 61.009.11	
Type	Contact pin 1mm,
Crimping range	Crimp/ 0,06 - 1,0 mm ²
Contact retention forces	>35 N
Tools (not included in the scope of supply)	
Crimping tool for 1mm and 2mm contacts	TE part-no.: C0.201.00
Positioning insert for 2 mm contacts	TE part-no.: C0.004.00
Positioning insert for 1 mm contacts	TE part-no.: C0.003.00
Removal tool for 2 mm contacts	TE part-no.: C4.003.00
Removal tool for 1 mm contacts	TE part-no.: C4.002.00

1) Power: With max. connection cross-section of 4 mm²
Signal: With max. connection cross-section of 1 mm²
2) Rated voltage reduced to 150 V due to lack of protective conductor connection to the enclosure.

Item	Description	Item-No.
MC01-C/m	Motor connector C/m	0150-3093