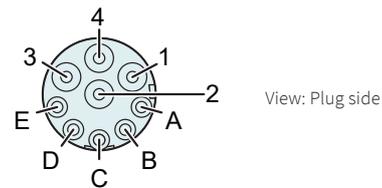
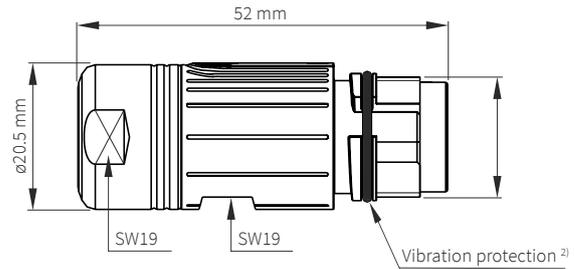


Motor Connector MC01-R/m

917 Extension

speedtec - ready

9-pin
Insulation Insert Code 3
EMC-Shielding



Motor connector wiring	Pin	Wire color motor cable
Ph 1+	1	red
Ph 1-	2	pink
Ph 2+	3	blue
Ph 2-	4	grey
+5VDC	A	white
GND	B	inner shield
Sensor Sine	C	yellow
Sensor Cosine	D	green
Temp. Sensor	E	black
Schild	housing	outer shield



Contact pin ø1 mm
Included in delivery (4x)
Crimp: 0,5 - 1,5 mm²
TE part no.: 61-0141-011-000
IC Ref. no.: 61.141.11



Contact pin ø0,6 mm
Included in delivery (5x)
Crimp: 0,14 - 0,5 mm²
TE part no.: 61-0178-011-000
IC Ref. no.: 61.178.11

Technical Data ¹⁾	
Number of pins	9
Power	4
Signal	5
Temperature range	-20 °C to 130 °C
Clamping range	ø6,0 - ø9,5 mm
Protection type	IP 66/67 when connected

Electrical Data ¹⁾	Power	Signal
Rated current	max. 14 A*	max. 3,6 A*
Rated voltage	125 V (AC/DC)	63 V (AC/DC)
Rated insulation voltage (L-L)	1500 V	1500 V
Contact resistance	<5 mOhm	<15 mOhm
Mating cycles	500	

Data according to VDE 0110/ EN61984, Paragraph 6.19.2.2	
Pollution degree	3 (1)
Over voltage category	III
Max. height for operation	2000 m

Material	
Housing	Zinc diecast, nickel plated
Clamp ring	Brass, nickel plated
Insulation insert	PBT, UL 94/V0
Contact	Brass, nickel plated
Seals	FKM

Contacts Power (Scope of supply 4x)	
TE part no.: 61-0141-011-000	
IC ref. no.: 61.141.11	
Type	Contact pin ø1 mm
Cross-section	Crimp/ 0,5 - 1,5 mm ²
Contact retention forces	>35 N

Contacts Signal (Scope of supply 5x)	
TE part no.: 61-0178-011-000	
IC ref. no.: 61.178.11	
Type	Contact pin ø0,6 mm
Cross-section	Crimp/ 0,14 - 0,5 mm ²
Contact retention forces	>35 N

Tools (not included in the scope of supply)	
Digital crimping tool	TE part no.: C0-0235-000-000
	IC ref. no.: C0.235.00
Analog crimping tool	TE part no.: C0-0201-000-000
	IC ref. no.: C0.201.00

* for max. wire cross-section pay attention to the cross-section of used contacts.
1) When using a mating connector with earth-to-housing connection applies the technical and electrical data of the mating connector!
2) see info sheet speedtec

Item	Description	Item-No.
MC01-R/m	Motor connector R/m	0150-3130