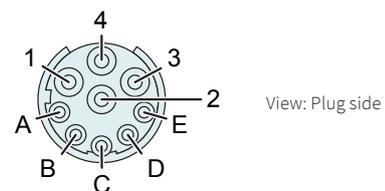
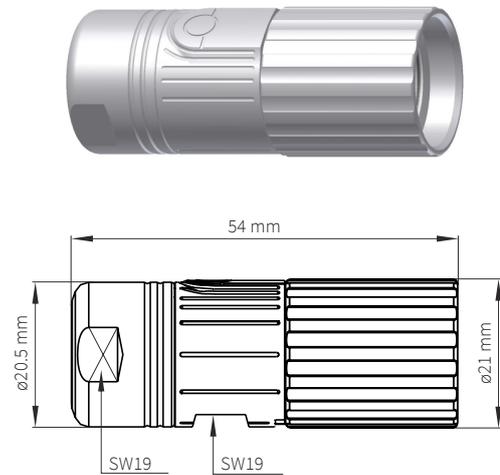


Motor Connector MC01-R/f 917 Connector

9-pin
Code 3 (socket)
EMC-Shielding

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, gold plated	
Seals	FKM	
Contacts Power (Scope of supply 4x)		
TE part no.: 60-0159-011-000		
IC ref. no.: 60.159.11		
Type	Contact socket 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.: 60-0205-011-000		
IC ref. no.: 60.205.11		
Type	Contact socket 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.: C0-0231-000-000	
	IC ref. no.: C0.231.00	

* 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!



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
Schield	housing	outer shield



Contact socket ø1 mm
Included in delivery (4x)
Crimp: 0,5 - 1,5 mm²
TE part no.: 60-0159-011-000
IC Ref. no.: 60.159.11



Contact socket ø0,6 mm
Included in delivery (5x)
Crimp: 0,14 - 0,5 mm²
TE part no.: 60-0205-011-000
IC Ref. no.: 60.205.11

Item	Description	Item-No.
MC01-R/f	Motor connector R/f	0150-3129