

Motor Connector MC01-C/f

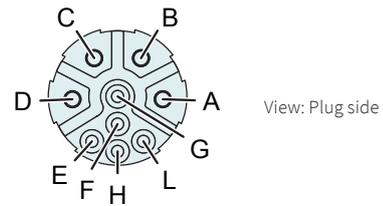
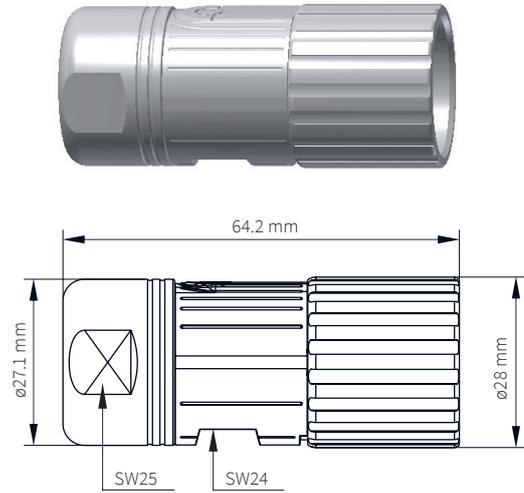
923 Connector

Short

9-pin
EMC-Shielding

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 66/67 when connected	
Electrical Data		
	Power	Signal
Rated current	max. 30 A*	max. 7 A*
Rated voltage	100 V (AC/DC)	100 V (AC/DC)
Rated insulation voltage (L-L)	1500 V	1500 V
Contact resistance	<3 mOhm	<5 mOhm
Mating cycles	500	
Data according to VDE 0110/ EN61984, Paragraph 6.19.2.2		
Pollution degree	3	
Over voltage category	III	
Max. height for operation	2000 m	
Werkstoffe		
Housing	Zinc diecast, nickel plated	
Clamp ring	Brass, nickel plated	
Insulation insert	PA/PBT, UL 94/ V0	
Contact	Brass, nickel plated	
Seals	FKM	
Contacts Power (Scope of supply 4x)		
TE part no.: 60-0003-011-000		
IC ref. no.: 60.003.11		
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.: 60-0011-011-000		
IC ref. no.: 60.011.11		
Type	Contact socket 1mm, slotted	
Crimping range	Crimp/ 0,14 - 1,0 mm ²	
Contact retention forces	>35 N	
Tools (not included in the scope of supply)		
Digital crimping tool	TE part no.: C0-0236-000-000	
	IC ref. no.: C0.236.00	
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.



View: Plug side

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 Socket 2 mm

Included in delivery (4x)
Crimp: 0,35 - 2,5 mm²
TE part no.: 60-0003-011-000
IC Ref. no.: 60.003.11



Contact Socket 1 mm, slotted

Included in delivery (5x)
Crimp: 0,14 - 1,0 mm²
TE part no.: 60-0011-011-000
IC Ref. no.: 60.011.11

Item	Description	Item-No.
MC01-C/f	Motor connector C/f	0150-3080