



ENCODER 9P BASE CONNECTOR

1. Introduction

This instruction sheet provides the assembly procedures for Micro Motor Plus Connector (Screw Mount Type).

2. Applicable Products

Part number	Description
2108418-1	ENCODER 9P BASE ASSY
2108422-1	ENCODER 9P BASE ENTRY HSG
2069391-2	1.5VP REMODEL POST CONTACT
2201825-1	ENC.CBL I/O KIT 100SET, M-M + LONG SCREW
2174065-4	REC. CONT. FMG. M-MOTOR PLUS

3. Applicable Specifications

- A. 108-61148 : Micro Motor Plus Connector (Screw Mount)
- B. 114-5446 : Application Specification for Post Contact
- C. 114-5335 : Application Specification for Rec Contact
- D. 114-5338 : Application Specification for Ground Clip
- E. 411-78082 : Instruction Sheet for Micro Motor Connector

4. Assembly Procedures

4-1) Crimp the Post Contact (2069391-2) as shown Fig. 1.

Refer to the application specification (114-5446) for the crimping of Post Contact.



(Fig. 1)

4-2) Insert the crimped Post Contact (2069391-2) into BASE ENTRY HSG (2108422-1) as shown Fig. 2.

After insertion, confirm the crimped contacts are properly seated in the housing by looking into the cavities on the side of the housing. Then, gently pull the wire one by one to ensure the contacts are fully inserted.



(Fig. 2)

4-2) Prepare the Motor Top Cover used by the customers as shown Fig. 3.



(Fig. 3)

4-3) Insert the 'BASE ENTRY HSG (2108422-1) assembled with crimped terminals' into the hole on the side of Motor Top Cover from inside to outside as shown Fig. 4.



(Fig. 4)

4-4) 'BASE ENTRY HSG (2108422-1) assembled with crimped terminals' needs to be plugged into the rear part (where the red rubber is shown) of the 'ENCODER 9P BASE ASSY' (2108418-1) until you hear the clicking noise as shown Fig. 5.

* Check the key code during plugging and make sure the two parts are properly installed.



(Fig. 5)

4-5) Fasten the 'ENCODER 9P BASE ASSY' (2108418-1) to the Motor Top Cover using two attached screws as shown Fig. 6.

* Before fastening, make sure the key code of 'ENCODER 9P BASE ASSY' is installed to the direction you desire to put Micro Motor Plus Connector.



(Fig. 6)

4-6) Fasten (4) bolts (diagonally) attached to the Micro Motor Plus Connector to 'ENCODER 9P BASE ASSY' (2108418-1) as shown Fig. 7 & Fig. 8.

* Make sure bolts are fully fastened without any gap.



(Fig. 7)



(Fig. 8)

5. Specification Approval

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