

# PowerMod®

## Assembly Instructions

**WARNING - Connectors should never be assembled or disassembled when contacts are live.**

1. Strip insulation from the end of the wire to be terminated, being careful not to damage the copper conductors.

(see Fig. 1)

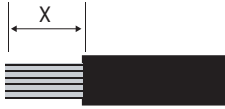


Fig. 1

If the wire insulation OD is smaller than the crimp barrel ID, strip to the following dimensions:

For Pin Contacts:

X=.18", 4.5mm

For Socket Contacts:

X=.21", 5.5mm

If the wire insulation OD is greater than the crimp barrel ID, strip the wire to the dimensions:

For Pin Contact

X=.24", 6mm

For Socket Contact

X=.28", 7mm

2. Insert the wire into the crimped barrel to the full depth. Visually verify that the wire is inserted fully by observing the strands through the inspection hole. All strands must be inserted into the barrel.

3. Follow the appropriate crimp instructions for either the hand tool (Part No. PM1001G1) or the semi-automatic crimp tool (Part No. PM1000G1).

## Assembly of Connector

### Step 1: Insertion of contacts

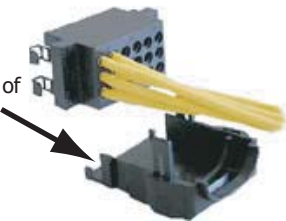


- Crimped contacts are to be inserted from the rear side of the connector using insertion tool PM1002G1



- Contacts are released from front side of the removed from the rear using extraction tool PM1003G1

### Step 2: Slide Connector into one half of the hood



- Make sure the "ear" of the housing fits in the opening of the hood

### Step 3: Cable clamp



- Put cable clamp over the wires and fasten the two screws until the desired retention is achieved

### Step 4: Put second half of the hood on the connector



- By means of four latches the two hood parts are clicked together

### Step 5: Fasten screws with two nuts



- Put two nuts in the hexagonal openings of the hood
- Fasten the two screws onto the nuts



**Assembled Connector**

### TRADEMARKS

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