

PROGRAMMABLE CONTROLLERS

### JY992D82501B

DATE: April 2015 PAGE: 1 OF 1

© Mitsubishi Electric Corporation

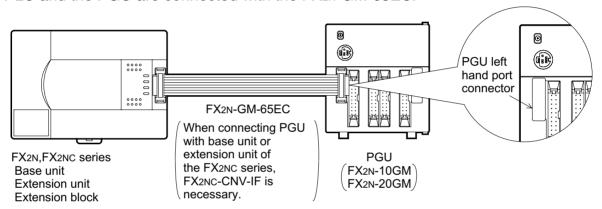
# FX2N-GM-65EC EXTENSION CABLE USER'S GUIDE

#### Introduction

The FX<sub>2N</sub>-GM-65EC cable is used to connect the FX<sub>2N</sub> or FX<sub>2NC</sub> series programmable controllers (PLC) to the FX<sub>2N</sub> series pulse generation units (PGU) at a distance 650 mm. For the construction of the optimum PC system the following points should be observed when using this extension cable.

### 1. Method of cable connection

The PLC and the PGU are connected with the FX<sub>2N</sub>-GM-65EC.

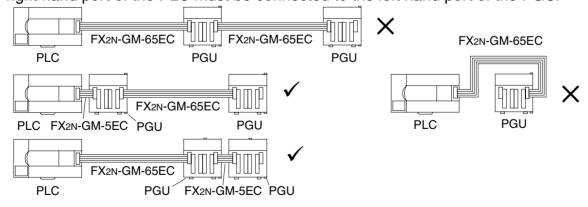


### 2. System configurations

Only one FX<sub>2N</sub>-GM-65EC can be used per system.

However the positioning of FX<sub>2N</sub>-GM-65EC is completely flexible.

The right hand port of the PLC must be connected to the left hand port of the PGU.



### 3. Miscellaneous

Practice of laying cables well away from power lines should be observed. Under some conditions excess electrical noise may make it necessary to filter any local power supplies.

# MITSUBISHI ELECTRIC CORPORATION