

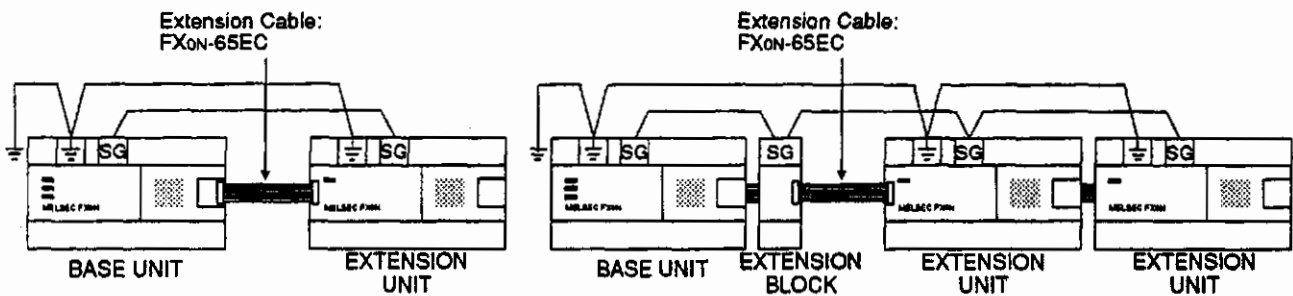
## FX0N-65EC EXTENSION CABLE USER'S GUIDE

### Introduction

The FX0N-65EC cable is for the connection of FX0N series programmable controllers (base units) to FX0N series extension units at a distance of 650mm. For the construction of the optimum PC system the following points should be observed when using these extension cables:

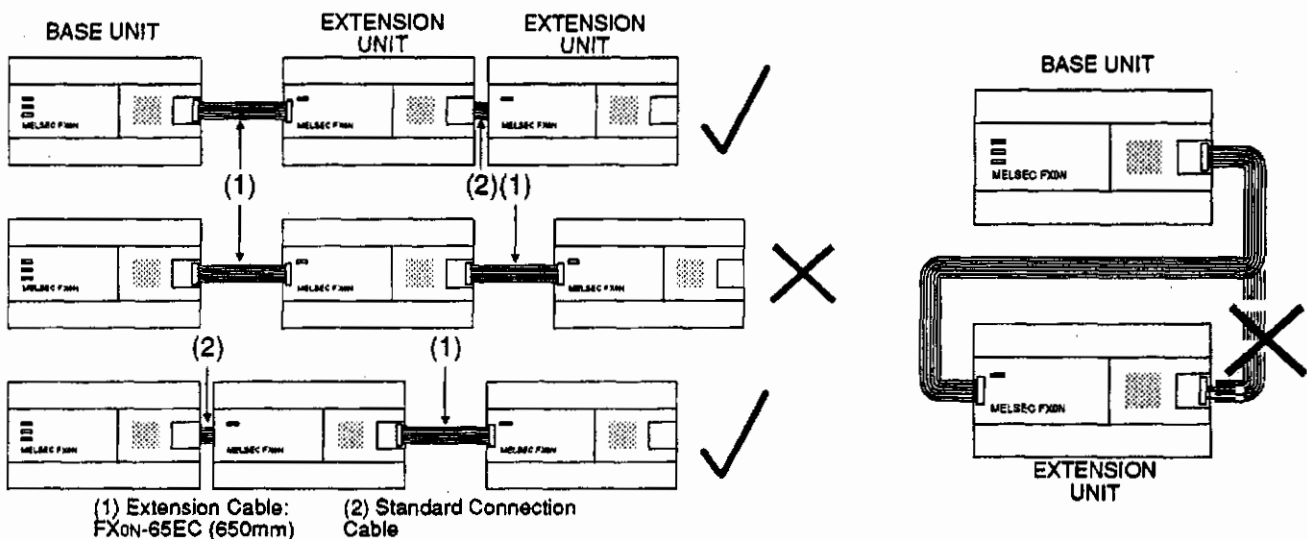
### (1) The Wiring Of The [SG] Terminal

Care should be taken when using the FX0N-65EC extension cable. The normal practice of connecting both [SG] terminals of the base and extension unit should be made when using this extension cable. The connection cable for the [SG] terminals should be a minimum 2mm<sup>2</sup> (0.003 inches<sup>2</sup>).



### (2) Cable Configurations

The practice of connecting multiple extension cables on one FX0N system is not recommended. However the positioning of the extension cable is completely flexible. It should be remembered that between the units separated by the extension cable connection of the [SG] terminal is required, as mentioned in point (1).



### (3) Miscellaneous

The extension unit should not be connected to the base unit through the right hand expansion port of the said extension unit. The 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.

Industrial automation

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