# FN310 Field Wireless Multi-Protocol Module FN510 Field Wireless Multi-Function Module

Manual Change No.18-0034

Please use this manual change for the manuals as listed below.

### 1. Applicable User's Manuals

IM No.	Edition	Products
IM01W03D01-01EN	6	FN310 Field Wireless Multi-Protocol Module (HART Protocol)
IM01W03D02-01EN	4	FN310 Field Wireless Multi-Protocol Module (RS485 Modbus Protocol)
IM01W03E01-01EN	4	FN510 Field Wireless Multi-Function Module
IM01W03E03-01EN	2	FN510 Field Wireless Multi-Function Module (Accelerometer Input)

#### 2. Contents of change

Following items are changed. Strikethrough or underline is added to the changed part.

• 5.5 Grounding



## **IMPORTANT**

Proper grounding is necessary to maintain the function and performance of this product. When the grounding is inadequate, the equipment may be damaged.

Refer to TI 01W01A58-01EN for details of grounding method and precautions.

- Use a grounding cable of AWG 14 (2 mm²) or more between the grounding electrode and the grounding terminal of this product, and connect with the shortest route.
- Select the grounding cable that has a structure of adequately protects against mechanical damage, chemical or electrical degradation, electrodynamic force and thermodynamic force for connection of the grounding electrode and the ground terminal of this product.

#### 8.3 Replacing the Battery Pack



## **WARNING**

- To ensure the installation minimizes the risk from electrostatic discharge.
  - To prevent electrostatic discharge caused by static charge built up on the operator, ground the operator through conductive shoes and floors and by wearing anti-static work clothes to prevent charge build-up. Avoid any actions that cause the generation of electrostatic charge, such as rubbing surface of Battery Pack and product with a dry cloth.
  - If static electricity cannot be suppressed, check that the surrounding atmosphere does not contain explosive gas or steam before replacing the Battery Pack.
- Be sure to use a battery pack that is indicated as "Rev.1" or higher for explosion protected instruments

