

# MITSUBISHI ELECTRIC Inverter

## Sales and Service

No. 671E

### Firmware Upgrade for FR-A800-AWH Inverters (FR-A800 Plus Series)

Thank you for your continued patronage of Mitsubishi Electric drive control products.  
The firmware of FR-A800-AWH inverters (FR-A800 plus series) will be upgraded to improve functionality.

#### 1. Products Affected

FR-A800-AWH inverters (FR-A800 Plus series)

#### 2. Details of Change

(1) Addition of distance meter fault detection selection

The distance meter fault is caused by a communication error between the inverter and the distance meter or other reasons.

It is possible to disable detection of distance meter faults due to blocking of the light or other causes while the crane (inverter) is stopped.

Pr.	Name	Initial value	Setting range	Description
1134 W330	Distance meter fault detection selection	0	0	Detection always enabled
			1	Detection enabled only during inverter operation

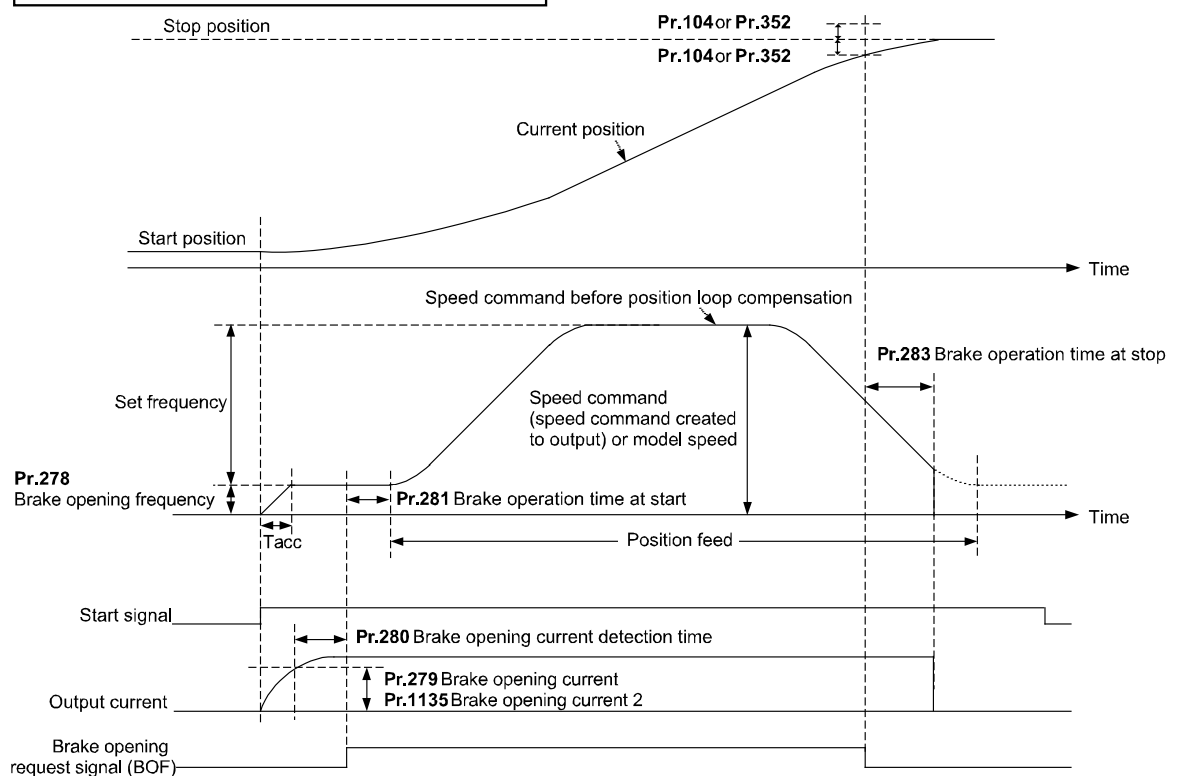
<b>Date of issue</b>	June 2021	<b>Title</b>	Firmware Upgrade for FR-A800-AWH Inverters (FR-A800 Plus Series)	Mitsubishi Electric Corp., Nagoya Works 5-1-14 Yada-minami, Higashi-ku, Nagoya 461-8670 Tel.: +81 (52) 721-2111 Main line
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(2) Addition of second brake opening current

The brake opening current can be set individually for forward/reverse rotation (under control methods other than Vector control).

Pr.	Name	Initial value	Setting range	Description
1135 W228	Brake opening current 2	9999	0% to 400%	Set the brake opening current during reverse rotation.
			9999	Pr.279 setting value is effective.

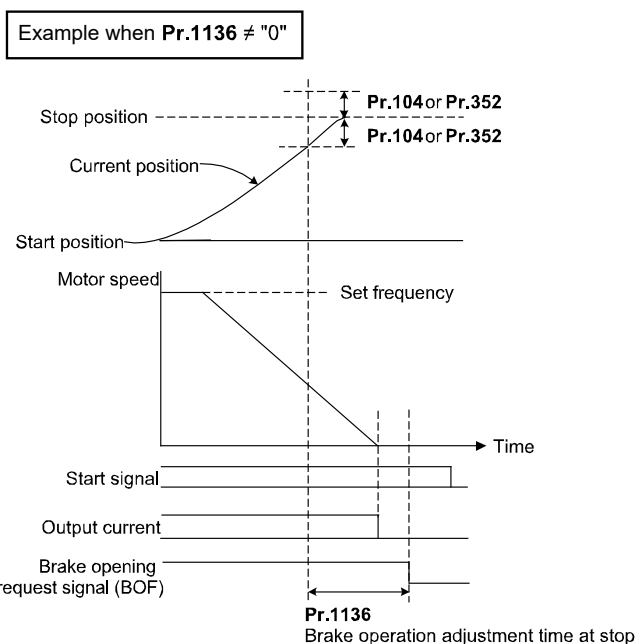
Example when Pr.351 = "9999" and Pr.353 = "9999"



(3) Addition of brake operation adjustment time at stop

The following parameter can be used to adjust the timing of turning OFF the BOF signal (under control methods other than Vector control).

Pr.	Name	Initial value	Setting range	Description
1136 W229	Brake operation adjustment time at stop	0 s	0 to 5 s	Set the time from when the conditions to turn OFF the BOF signal are satisfied until the BOF signal is turned OFF.



**3. Date of Change**

The change will be applied to the products manufactured in July 2021 or later.

**4. Product Identification**

The SERIAL (determined by date of production) can be checked on the product's rating plate.

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Symbol Year Month Control number

SERIAL

The SERIAL consists of one symbol, two characters indicating the production year and month, and six characters indicating the control number.

The last digit of the production year is indicated as the Year, and the Month is indicated by 1 to 9, X (October), Y (November), or Z (December).