

MITSUBISHI ELECTRIC Inverter

Sales and Service

No. 849E

Firmware Update 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 updated to improve functionality.

1. Products Affected

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

2. Details of Change

By setting "53" in the parameters for monitoring, the shortest stopping distance can be monitored. The travel distance from the current position where the start command is turned OFF or 0 Hz is written to the set frequency to the stop position.

This monitor item is displayed only when the full-closed control is enabled.

Pr. (Pr. group)	Name	Initial value	Setting value	Description
52 (M100)	Operation panel main monitor selection	0	53	Select the item monitored on the operation panel or parameter unit.
774 (M101)	Operation panel monitor selection 1	9999	53	Each of the initial items monitored on the operation panel or parameter unit in the monitor mode (output frequency, output current, and output voltage) can be switched to a user-designated item.
775 (M102)	Operation panel monitor selection 2			
776 (M103)	Operation panel monitor selection 3			
992 (M104)	Operation panel setting dial push monitor selection	0	53	Select the monitor item displayed on the operation panel at the time when the setting dial is pressed.
1027 (A910)	Analog source selection (1ch)	201	53	Select the analog data (monitor item) for sampling on each channel.
1028 (A911)	Analog source selection (2ch)	202		
1029 (A912)	Analog source selection (3ch)	203		
1030 (A913)	Analog source selection (4ch)	204		
1031 (A914)	Analog source selection (5ch)	205		
1032 (A915)	Analog source selection (6ch)	206		
1033 (A916)	Analog source selection (7ch)	207		
1034 (A917)	Analog source selection (8ch)	208		

Refer to the following table and select the item to be monitored.

Monitor item	Increment and unit	Pr. Setting	Special monitor selection No. for the Mitsubishi inverter protocol	Register number of the MODBUS RTU real time monitor	PLC function device No.
Shortest stopping distance	1 mm	53	H35	40253	SD1200

Date of issue	Title	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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3. Date of Change

The change will be applied to the products manufactured in March 2026 or later.

4. Product Identification

The SERIAL (determined by date of production) can be checked on the rating plate or packaging plate.

SERIAL example on rating plate	SERIAL example on packaging plate
□ 6 3 000000	□ 6 3 000
<u>Symbol Year Month Control number</u>	<u>Symbol Year Month Control number</u>

SERIAL

SERIAL

The SERIAL consists of one symbol, two characters indicating the production year and month, and the control number (six characters for the rating plate, three characters for the packaging plate).

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).