

April 15, 2024

Industrial Device Business Division,
Panasonic Industry Co., Ltd.

Specification Change Notice:
for MINAS A6 Family AC Servo Motors with Battery-less absolute encoders

Thank you for your daily support and efforts to our business.

As per title, to ensure a stable supply of AC Servo Motors equipped with Battery-less absolute encoders, we will change some of the encoder components. As a result of change, the specification during power off will change as described below.

We would appreciate your understanding and cooperation with this matter.

■ Affected Models: AC Servo Motor MINAS A6 Family Battery-less absolute encoder type

(Part number): M△MF□□*A1***
Starting with "M", 4th is "F", 8th is "A"

△: S, Q, H
□□: 5A, 01, 1E, 02, 2J, 04, 08, 09
"△", "□", and "*" in the part number are characters representing specifications.

- Change schedule: Starting from May 2024 production onwards
- Reason for Change: To ensure a stable supply of the components
- Description of the Change: Specification changes during power off due to changes in encoder components.

| Item | Before | After |
|--|--|----------------------------------|
| Maximum angular acceleration that can detect rotation speed during power off | 20000 rad/s ² or less, 20000 rad/s ² until 0.5 s after power on | 80000 rad/s ² or less |
| Motor shaft rotation speed limit during power off | 5 million revolutions It is reset every time the power is turned on. | Unlimited |

- About repair services:
- Regarding repair service, we will handle it with new parts, but depending on the reception date and the stock status of service parts, it may also be handled with the old parts (before change).

END