

Preventive Maintenance

~ Recommendation for replacement of PLC battery ~

※PLC means Programmable Logic Controller



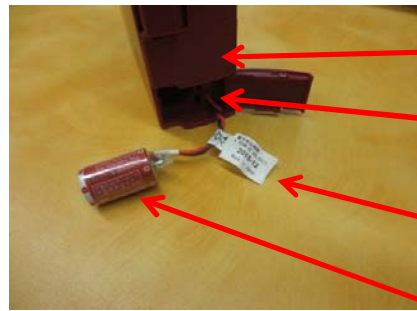
PLC (Q series) by Mitsubishi Electric



PLC by Fuji Electric



PLC (A series) by Mitsubishi Electric



CPU unit

Connector

Tag with warranty period

Battery

If the battery blows out . . .

- ①_ **The running program** and **various parameters** may **disappear**, then the machine cannot run normally.
- ②_ Battery power is consumed during the **machine power off** to keep the data in the PLC. Therefore, if the machine stops for a long time, battery life may expire because of **power consumption** and **self discharge**.
- ③_ We recommend **periodic replacement** so that this influence is not reflected on production after lengthy stops such as holidays.

Estimate for the replacement timing of PCL battery.

The replacement timing **depends on frequency of use**, but the manufacturer's warranty period is **2years**. Even though the battery can last for **up to 4-5 years in some conditions**, we recommend replacement within the warranty period.

To find the battery warranty period.

Battery is **connected to the CPU unit**. You can find the **tag**, on which the **warranty period** is written, on the battery cable.

Others

In addition to the PLC battery, some machines have a battery in the **servo amplifier**. For example : Automatic blade positioning NC device

Inquiries on matters other than the above

such as the **Quotation for parts, Modification and Maintenance of the Machine** are also welcome.

Please feel free to contact us.

 **HAGIHARA**
HAGIHARA INDUSTRIES INC.

萩原工業株式会社
Engineering business hdqrs.