

User-friendly and easy-to-use controller solves process control problems

Large-screen LCD shows control status at a glance.

New features have been added to help with PID adjustment and engineering.

Data at a glance

Liquid-crystal display

The large 15.4-mm display (about 1.4 times larger than the previous model) shows the process value (PV) in bright white.

This improves visibility in the field.

A variety of other information can be displayed, allowing you to see the process control status at a glance.

[Operation status display]

RUN/READY, AUTO/MANUAL, event output, control output, communication status, SP gradient, auto tuning in progress, and others

15.4 mm



Size: 48 x 48 mm (H x W)

All-in-one

Improved smart loader package

Useful in a variety of situations: setup, trial run adjustment, operation check, etc.

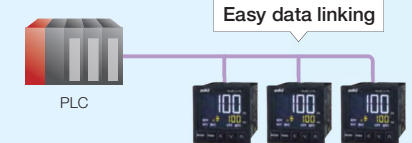
A high-performance PID simulator, which brings together various Azbil technologies into one package, helps you to obtain the desired control responses.



Quick connection

PLC link function

Data is transmitted by RS-485 serial communication without the need for a communication program, saving you time and engineering work.

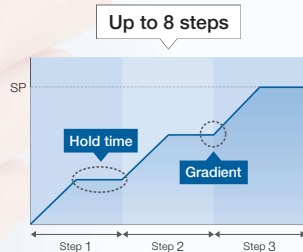


Supported protocol	Connectable model examples
Mitsubishi/QnA-compatible 3C frame model 4	MELSEC iQ-R, MELSEC Q from Mitsubishi Electric
Omron FINS (host link)	CJ2, CP2 from Omron
Modbus™/RTU	KV-7000, KV Nano from Keyence AG S7-1200 from Siemens

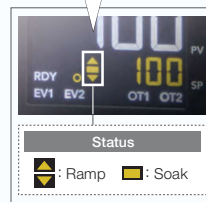
IMPROVED CONTROL FUNCTIONS

Pattern operation

Up to eight set points can be set. Each SP has settings for hold time and gradient, enabling pattern operation with up to 8 steps (16 segments). In addition, the status can be easily checked on the front display.



Sequence status can be checked on the front display.



EXAMPLE OF NETWORK EXPANSION

Network Instrumentation Module

Smart Device Gateway*
Model NX-SVG

The model NX-SVG is a multi-vendor IoT gateway that links data between devices connected by Ethernet and RS-485 without the need to create communication programs. Using it in combination with model C1M reduces system development time significantly.



* A communication gateway that allows the interchange of information between various kinds of control device without programming, enabling smarter development work.