



# Single Loop Controller

Model C1M

## Are you using Single Loop Controller Model C15?

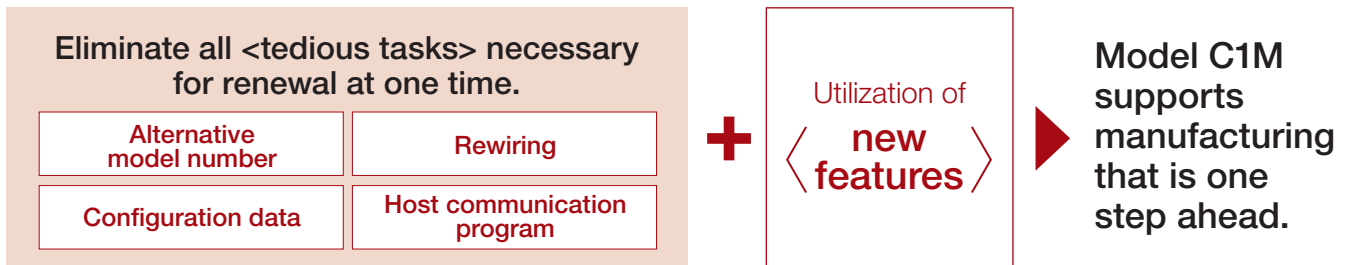
How about using Single Loop Controller Model C1M?



The 48 x 48 mm controller was reborn as **Model C1M**.

Model C1M is <highly compatible> with Model C15 and <equipped with new features>.

- Accuracy: ±0.2% FS
- Sampling cycle: 50 ms (adjustable to 50, 100, 300, and 500 ms)
- Large LCD display
- PID simulator function
- PLC link function
- Pattern operation function



### Compatibility with Model C15

**Model selection** [Just change the basic model number.]

Model C15 **C15 TR0TA0400**

Model C1M **C1M TR0TA0400**



Basic model No.	Installation	Control output	PV input	Power	Options	Add'l proc		Specifications
						1	2	
C:1:M	T							Basic model No. Screw terminal block
		R	0					<b>Control output 1</b>   <b>Control output 2</b>
		V	0					Relay output (C.O. contacts)   None
		V	C					Voltage pulse   None
		V	V					Voltage pulse   Current
		C	0					Voltage pulse   Voltage pulse
		C	C					Current   None
		C	C					Current   Current
				T				Thermocouple input
				R				RTD input
				L				DC voltage/current input
					A			AC power supply (100–240 V)
					0	0		None
					0	1		3 event outputs
					0	2		3 event outputs, 2 CT inputs, 2 DIs
					0	3		3 event outputs, 2 CT inputs, RS-485 comm.
					0	4		2 event outputs (independent contacts)
					0	5		2 event outputs (independent contacts), 2 CT inputs, 2 DIs
					0	6		2 event outputs (independent contacts), 2 CT inputs, RS-485 comm.
					0	9		RS-485 comm.
					0			None
					D			With inspection report
					Y			With traceability certificate
					0			None
					A			UL compatible model *Available soon

## Terminal compatibility [Rewiring not required.]



Model C15

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Model C1M

Terminal block layout

Terminal number

Screw size

All the same

## Configuration parameter compatibility [Requires only 3 easy steps.]

**STEP 1** Connect the Smart Loader Package (Model SLP-C1F) and Model C15.

**STEP 2** Read out the configuration data from Model C15.

**STEP 3** Write the configuration data into Model C1M.

Automatic parameter conversion

Smart Loader Package Model SLP-C1F

\* Downloadable from our website.



USB Loader Cable Model 81441177-001

\* Can be used with Model C15

## Communication compatibility [Does not require any modification of the host communication program.]

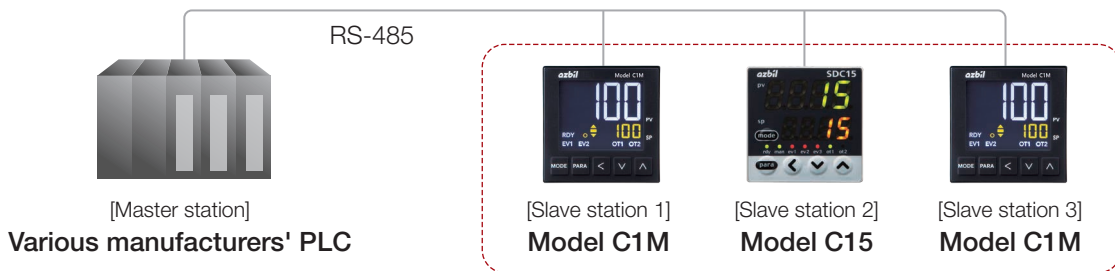
Communication method

Communication address

Wire connection

All the same

<Example of communication>



**Model C1M can be used together with Model C15.**

\* For detailed specifications, please contact our sales representatives.

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