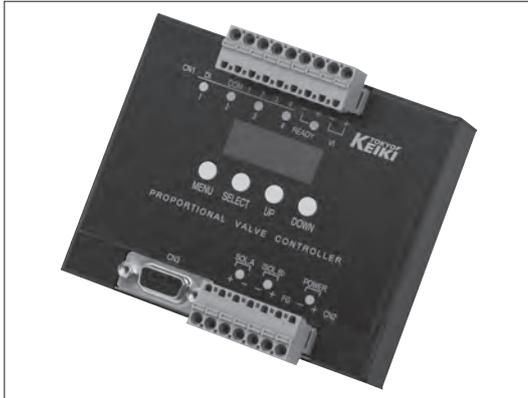


# Proportional valve controllers ECMA1



- These controllers are designed to operate Tokyo Keiki's EP series of proportional control valves by remote control.
- Compatibility with DIN rails makes it easy to install the controllers.
- It is easy to control the settings by means of digital settings.
- The analog command voltage range can be selected.
- It is possible to select the jump or delay type, whether to enable or disable use and whether to enable or disable external operations.

## Model Code

ECMA1-X-C-10

1 2 3 4

- 1 Proportional valve controller  
Analog voltage command input type
- 2 Open loop control

- 3 C: plug provided  
N: plug not provided (provide the plug separately)
- 4 Design no.

J  
7-1

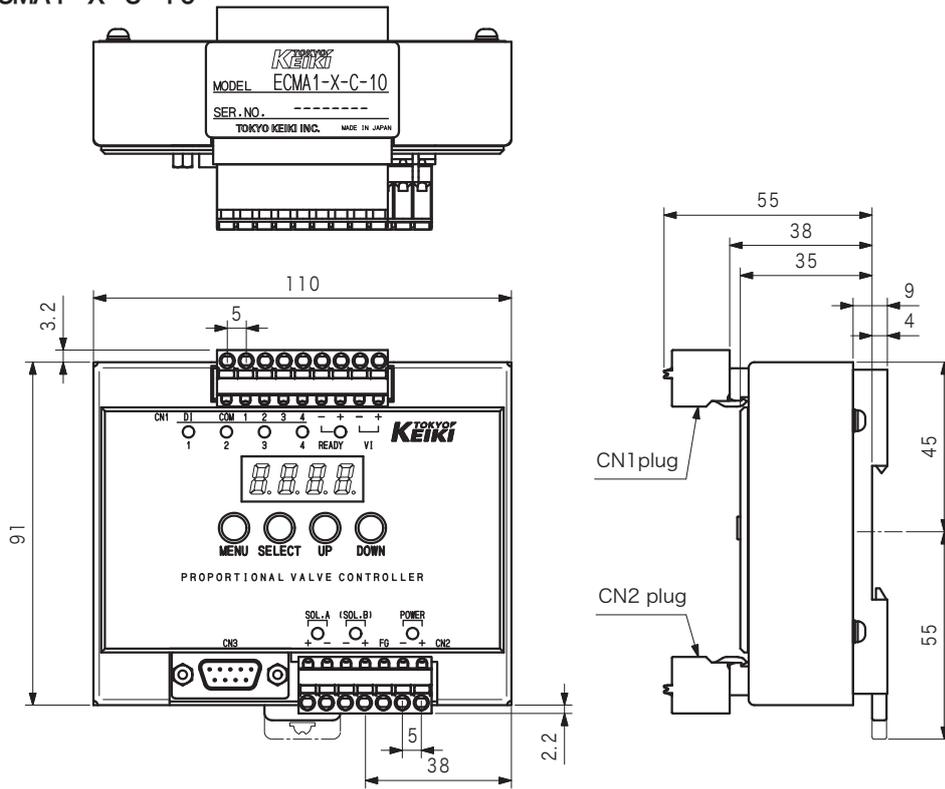
Proportional Solenoid Control Valves

## Specifications

Item	Specifications		
Connector	CN1	Signal input/output 9 poles	COMBICON series made by Phoenix Contact GmbH & Co. KG 5.0 mm pitch Screw-less (spring cage system)
	CN2	Power input, coil drive current output 7 poles	
	CN3	Parameter copying	
Installation method	DIN rails (35 mm wide)		
Power requirements	Voltage: DC24V (stabilized) Maximum current consumption: 1 [A] Maximum power consumption: 24 [W]		
Command inputs	Type: analogue voltage Voltage: DC0 to 5V, 0 to 10V, $\pm 5V$ , $\pm 10V$ Differential input: possible (potential difference limits)		
Control inputs	No.: 4 Function: Dependent on selection Circuit: Sink/source selection enabled, photo-coupler insulation		
Control outputs	No.: 1 Function: READY (ON when current output is enabled) Circuit: Transistor output (photo-coupler insulation)		
Power outputs	Systems: 2 (mutually exclusive outputs) Rated output current: 1 [A]		
Ambient operating temperature	0~55°C		
Storage temperature range	-5~60°C		

# Dimensions

ECMA1-X-C-10



ECMA1-X-N-10

