

# FC SERIES SETTER (CONTINUOUS OUTPUT)

DATA SHEET

PMF

The FC SERIES setter is used for remote setting of a controller or variable constant setting of various types of computing elements. This instrument uses a solid state indicator and a pushbutton operation system to provide reliable functions.

## SPECIFICATIONS

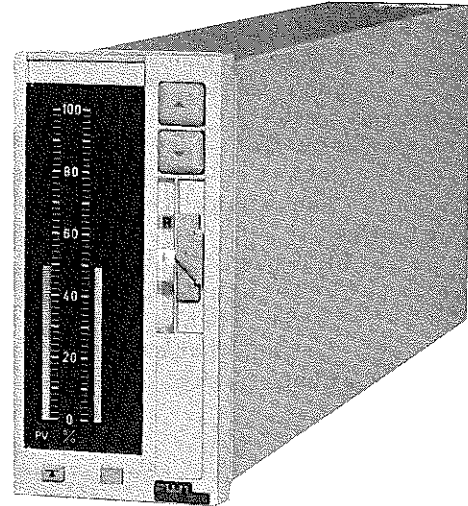
### 1. Setting Functions

#### Local setting

- Setting method: Manual setting  
 Front panel pushbuttons ▲ ▼  
 Travelling time; 40s/FS
- Set point transmit signal:  
 1~5V DC  
 Internal impedance;  $0.5\Omega$  or less  
 Allowable load current;  $\pm 3\text{mA}$
- Operation mode indicator:  
 Front panel indicating lamp (L)

#### Cascade voltage setting

- Setting method: External setting with 1~5V DC signal, and manual setting
- Follow-up characteristic:  
 Follow-up speed; 2.5s/FS  
 Follow-up allowance  $\pm 0.5\%$  FS
- Setting mode change lever:  
 R (remote) – L (local)
- Local (L) – Remote (R) changeover:  
 Local set point follows external setting signal in remote setting mode. Balanceless, bumpless changeover. In local setting mode, external set point is indicated on the set point variable (SV) indicator by pressing the balance button ▲, so the changeover is made by manually correcting the local set point.
- Set point transmit signal:  
 1~5V DC  
 Internal impedance;  $0.5\Omega$  or less  
 Allowable load current;  $\pm 3\text{mA}$
- Digital output signal:  
 RR (request, remote);  
 For remote setting  
 L (local); For local setting  
 Contact; Transistor contact  
 Contact ratings; Max. 30V DC, 0.1A  
 (resistance load)



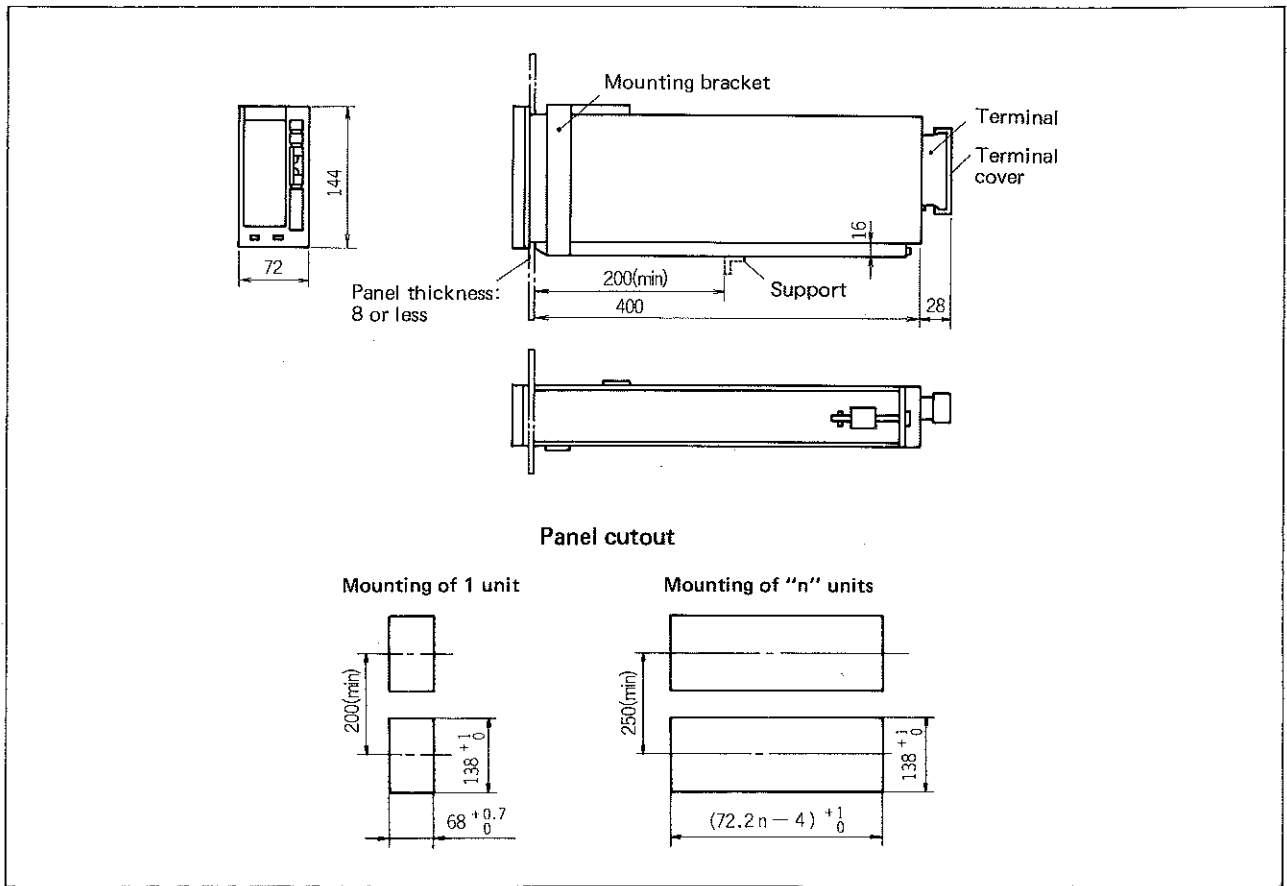
- Operation mode indicator:  
 Front panel indicating lamps (R, L)

#### Cascade pulse width setting

- Setting method: External setting with increased and decreased pulse width, and manual setting
- Follow-up characteristic:  
 Follow-up speed; 10s/FS  
 Minimum detectable pulse width; 10ms
- Setting mode change lever:  
 R (remote) – L (local)
- Local (L) – Remote (R) changeover:  
 Balanceless, bumpless changeover for both local (L)  $\rightleftharpoons$  Remote (R)
- Set point transmit signal:  
 1~5V DC  
 Internal resistance;  $0.5\Omega$  or less  
 Allowable load current;  $\pm 3\text{mA}$
- Digital output signal:  
 RR (request, remote);  
 For remote setting  
 L (local); For local setting  
 Contact; Transistor contact  
 Contact ratings; 30V DC, 0.1A  
 (resistance load)



# OUTLINE DIAGRAM (Unit:mm)



# CONNECTION DIAGRAM

