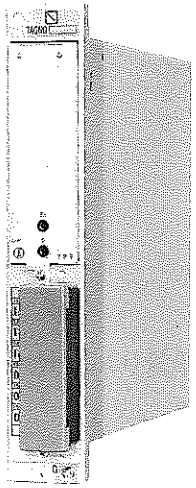
FUJI ELECTRIC

FC SERIES REVERSING CONVERTER

DATA SHEET PRG

The FC series reversing converter is used to reverse input signals and transmit the reversed signals as output signals.



SPECIFICATIONS

Input signal and input resistance:
DC 1~5V (Bias current... 1μA or lower)
Note: When power supply interrupted ... 33kΩ or more
DC 4~20mA (250Ω)

Allowance: ±0.5% of full span
±0.25% of full span is available on request

Reproducibility: ±0.1%

Output signal: DC 5~1V

Output resistance:
Less than 0.5Ω

Response time: Less than 0.1 sec

Power supply: DC 24V (DC 20~30V)
or AC 24V $^{+13}_{-10}$% 50/60 Hz

Power consumption:
Approx. 1W (DC 24V)
Approx. 2VA (AC 24V)

Ambient temperature:
0~45°C

Ambient humidity:
Less than 90% RH

Enclosure: Steel case

Dimensions (HxWxD):
247x44x225 mm

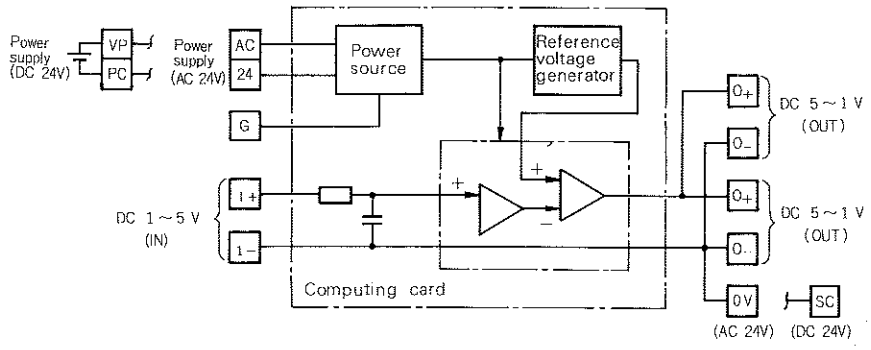
Weight: 0.9 kg (with case)

Finish color: Case; Silver (melamine baking)
Terminalcover; Gray (molded synthetic resin)

Mounting method:
Rack mounting

Range of delivery:
Reversing converter

BASIC CIRCUIT DIAGRAM

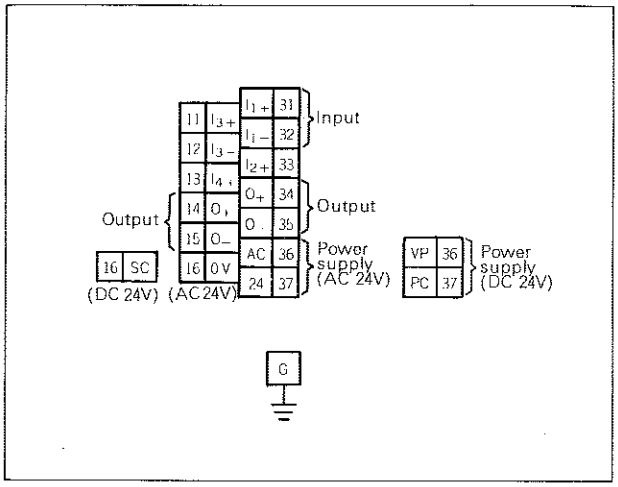


Note: With a current input, an I/V conversion resistance is connected to the terminals to convert it into voltage.

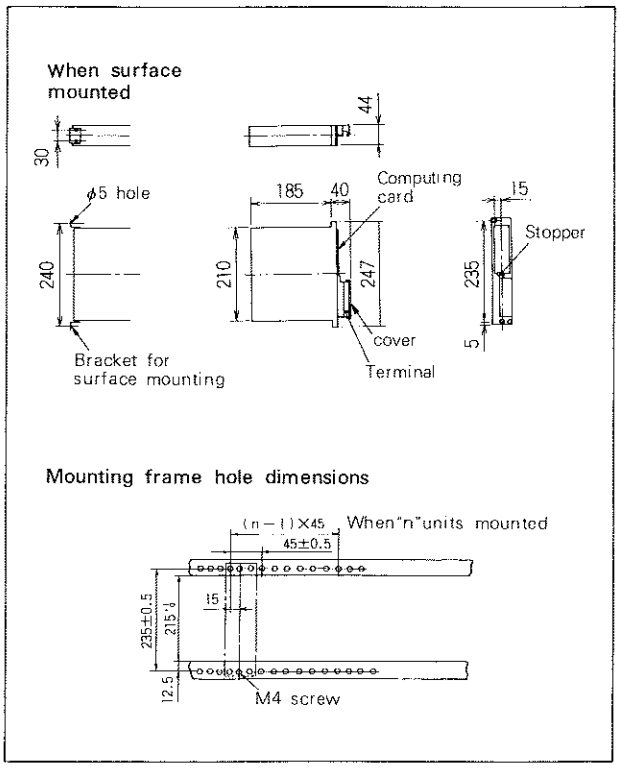
CODE SYMBOLS

1 2 3 4 5 6 7 8	9 10 11 12 13	Description
P R G 0 0 0 5 –	0 0 0	
1		**Input signal** DC 1~5V
2		DC 4~20mA
	1	**Allowance** ±0.5%
	* 2	±0.25%
	0	**Application** General use
	1	**Power supply** DC 24V
	7	AC 24V 50/60 Hz

CONNECTION DIAGRAM



OUTLINE DIAGRAM (Unit: mm)



ORDERING INFORMATION

1. Product name
2. Code symbol
3. Input specifications
4. Instrument specifications (filter, allowance)
5. Other

• Asterisked (*) items; Nonstandard.

Fuji Electric Co.,Ltd.

Shinjuku Office
Overseas Sales Division, Systems Sector
30-3 Yoyogi 4-chome, Shibuya-ku
Tokyo. 151 Japan
Phone : Tokyo 3375-5031,7110
Telex : 02322165 FDENKI/J

Head Office
12-1 Yurakucho 1-chome, Chiyoda-ku
Tokyo. 100 Japan
Phone : Tokyo 3211-7111
Telex : J22331 FUJIELEA or FUJIELEB

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