

200FCE

Nomenclature

S **200** **FCE** - **1** **0** **A** - **L** - **0000**

● **S**

S means special mechanical specifications not applicable to our standard.

● **200**

200 means approx. size of base housing in mm.

● **FCE**

FC means Foot Controller, E means popular pedal type.

● **0000**

Special branch number basing on customer's special requirements with 4 digits number.

● **L**

With locking device (only available on model 200FCE-10).

● **0** ① **Number of switches to be mounted (Option).**

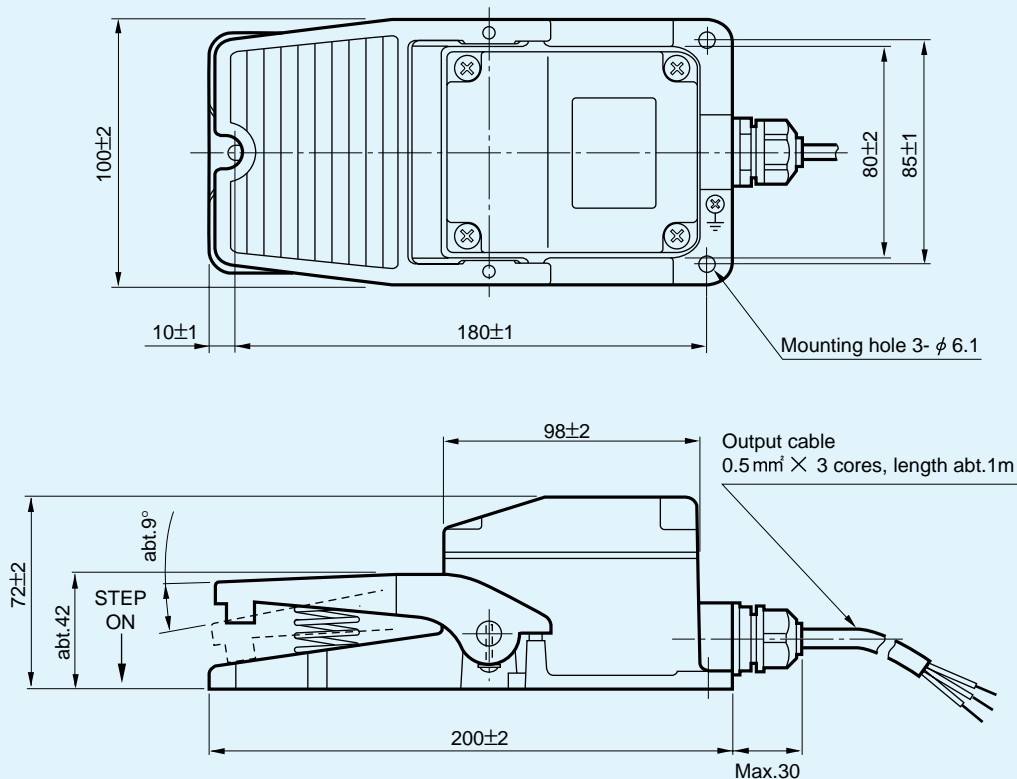
0--No switch mounted.
1--1 switch mounted.
2--2 switches mounted.

● **A** ② **Rating of switch** : A. B. C. ---Code-switch
D. E. F. ---Micro-switch
(For details, please refer to page 56)
G---Other switch

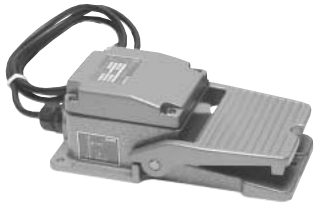
● **1** **Number of potentiometers to be mounted (model SFCP22E)**

0--No potentiometer mounted.
1--1 potentiometer mounted.
2--2 potentiometers mounted (Option).

Standard Dimensions



(Unit : mm)



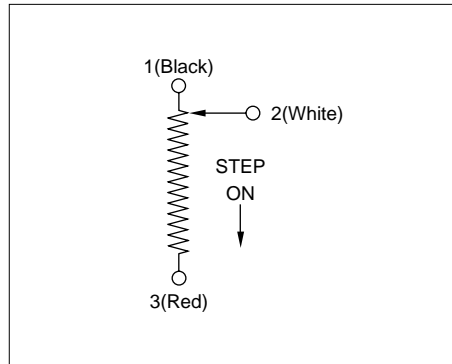
200FCE-10
(standard)

STANDARD SPECIFICATIONS

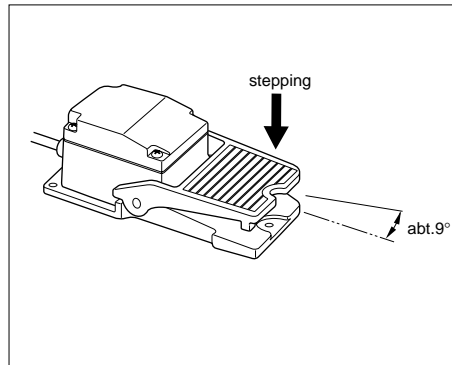
● Mechanical Performances

Operating method : Stepping pedal type
Operating angle : Approx. 9°
Operating force : With standard automatically spring return device
 Abt. 15N ~ 40N (Abt. 1,500gf. ~ 4,000gf.)
Operating temperature range : -20°C ~ +65°C
Vibration : 10 ~ 55Hz 98m/s² (10G)
Shock : 294m/s² (30G)
Life expectancy : Approx. 2,000,000 operations
Mass : Approx. 1kg

● Terminal Connection Diagram



● Angle of Stepping



● Electrical Performances

Potentiometer mounted : SFCP22E, 10kΩ±20%, 0.15W, Independent linearity tolerance±3% (conductive plastic resistive element)
Electrical rotating angle : Approx. 35°
Output smoothness : Below 0.2% against input voltage
Contact resistance variation : Below 5% C.R.V.
Resolution : Essentially infinite
Dielectric strength : 1minute at 500VA.C.
Insulation resistance : Over 1,000MΩ at 500V D. C.

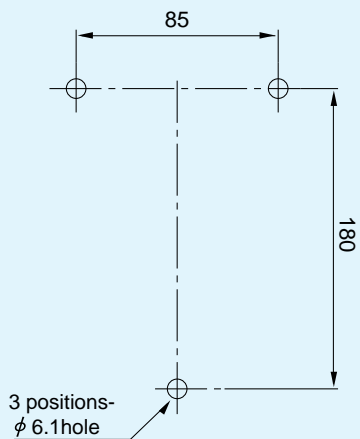
● Special Specifications Available

-With switch mounted :
 For rating of switch, please see page 56. If you require the unit with one switch mounted, unless otherwise specified, we supply the unit with A version switch (code-switch with "ON" operation at about 3° from the beginning of stepping).

(Model S200FCF-11A)

- IP65 sealing
- 2 ganged potentiometer
- Special resistance value on potentiometer
- An intermediate tap on potentiometer
- Locking device

■ Panel Arrangements



(Unit : mm)