



Feature

1. Flux builded-up prevention is taken through inserting molding around the resistor with resin.
2. A large variety of products lined up to support various applications.
3. Miniature design for Audio applications.

8mm Rotary Potentiometer

Electrical characteristics

- Resistance tolerance.....10K Ω : \pm 20%
- Residual resistance value.....50 Ω Max.
- Power rating.....0.05W
- Voltage rating.....DC 10V AC 50V
- Insulation Resistance250V DC 100 M Ω
- Rotational noise200mV Max
- Voltage proof.....300VAC 5mA for 1 minute

Mechanical characteristics

- Rotation Torque 20~250gf.cm320 $^{\circ}$
- Rotational torque.....300 $^{\circ}$ \pm 10 $^{\circ}$
- Shaft play in axial direction.....0.5mm Max.
- Terminal strength.....250gf Min

Environmental characteristics

- Operating temperature.....-20 $^{\circ}$ C~+70 $^{\circ}$ C
- Life cycles.....30,000 cycles



FSE11 Series

Rotary Position sensor



HOW TO ORDER

F082 2 6 5 s 2 F 1 c B 100K

Total resistance (See Note 2)

Resistance taper:

A=Audio (15A)

B=Linear (Dual gangs : 1B ;

Four gangs and up : 3B)

C=Reverse audio (15C)

Full C.CW Position (See Note 3)

Length of shaft (See Note 1)

Type of shaft (See Note 1)

Detent Option (for both inner
and outer shaft):

0 = No shaft detent

1 = With center detent

2 = With 11 shaft detents

Switch Type:

N = No switch

S = With rotary switch

Length of Bushing:

5 = 5.0mm

Bushing Thread:

6 = M6

7 = M7

Number of Gang:

2=2 gangs

4=4 gangs

8mm Dual shaft rotary
potentiometer series

