

MF-914 Series

PROFADER™

Conductive Plastic

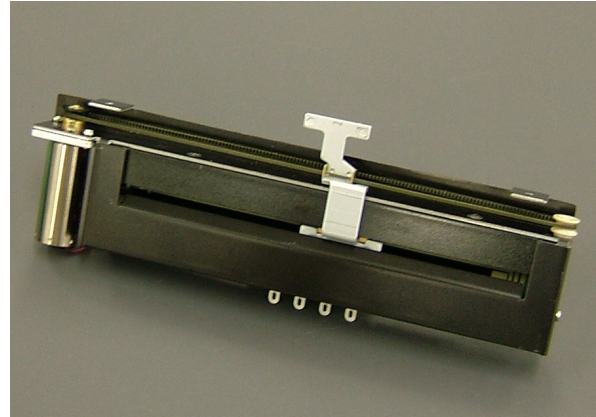
Low sliding noise level & Long sliding life

Good protection against dust

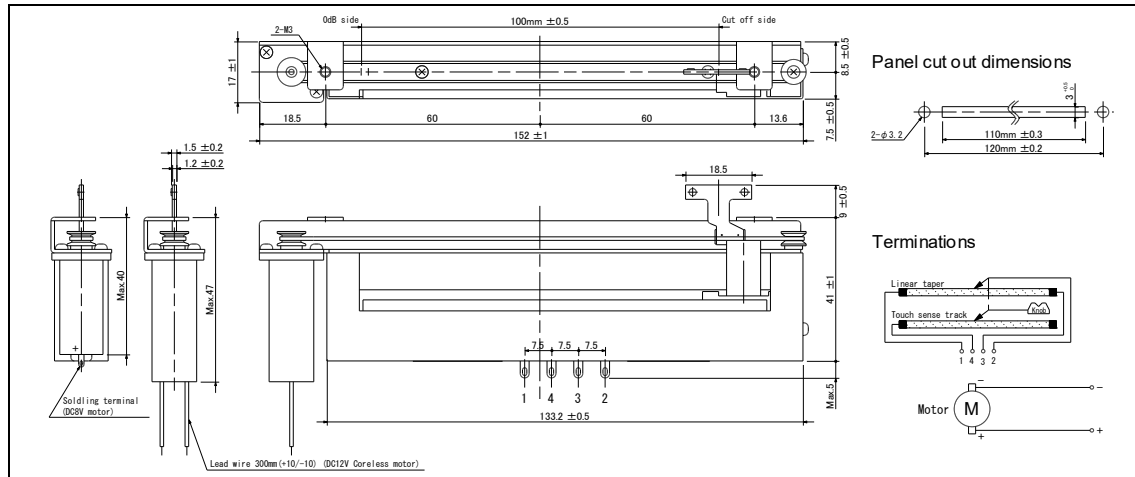
Horizontal style Control-bar design.

High Quality

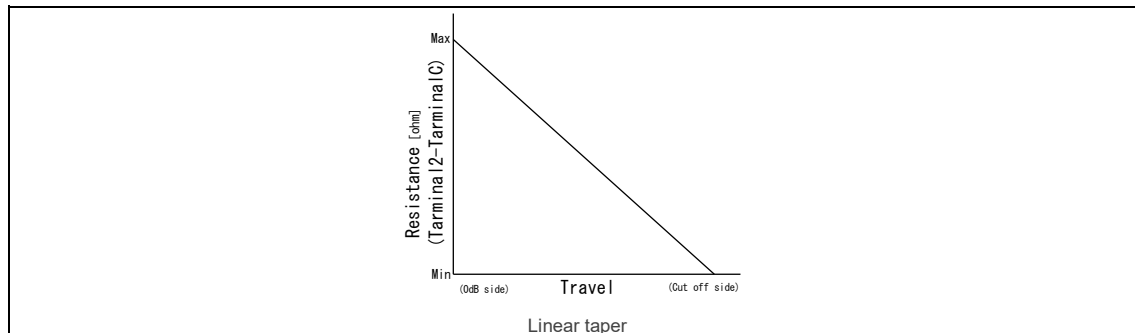
All parts are highly precise.



Dimensions



Output Law



Model number

MF-914

- **B**

10K

- **M8V**

Product type

Taper

Total resistance

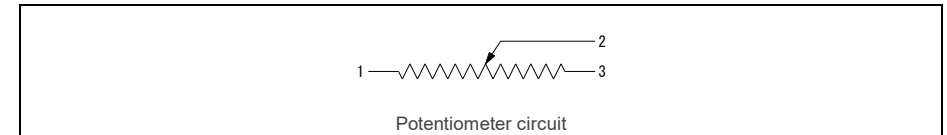
DC-motor

B: Linear taper

J12: DC12V Coreless (NAMIKI)

M8V: 8V DC motor (MABUCHI)

Circuit method



Electrical specifications

MF-914-B	
Circuit (Unbalanced)	1
Total resistance (1-C)(1-3)	10kohm
Total resistance tolerance	±20%
Taper	Linear (Potentiometer circuit)
Linearity	±5%
Residual resistance	30ohm or less
Touch sense track	20ohm or less
Contact resistance	20ohm or less
Voltage proof	1 Min. at AC500V
Insulation resistance	50Mohm or more at DC500V
Max rating	DC20V
Sliding noise level	47mV or less (by JIS C 6443)
Sliding life	100,000 Cycles Min. (18cycles/min, Sliding noise level: Less than 100mV)

Mechanical specifications

MF-914	
Stroke length	100mm±0.5mm
Operating force	0.1~0.3N
Strength of Nut-Attached	100Ncm
Attached Parts	M3 screw (Length: Panel thickness + 3~5mm)
Stopper strength	40N
Push-pull strength	40N

General specifications

MF-914 Series	
Temp.range	-10 to +50 deg C (Operating), -15 to +60 deg C (Storage)
Relative humidity	90%RH (No condensation)

Note

- * Solder heat resistance: 350deg C max, 5sec max, 2 times. (Manual soldering only)
- * Please take care during soldering that the smoke from the solder does not flow inside a fader.
- * If the flux sticks to a resistor board, it may cause a trouble with the fader.
- * Move to one end in Control-bar on the occasion of knob wearing, and can break into it slowly.
- * It is highly recommended that the fault tolerant system is to be set up in the big situation like the live broadcast.