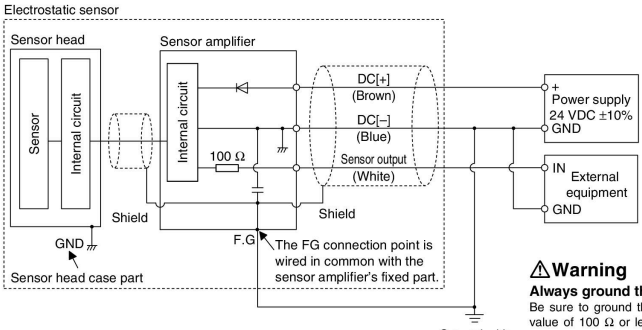
Connection Circuit and Wiring Table

Connect the lead wires according to the following connection circuit and wiring table.

1. Connection circuit



2. Wiring table

Lead wire color	Description	Function
Brown	DC (+)	Power supply 24 VDC
Blue	DC (–)	Power supply 0 V
White	Sensor output	Analog output 1 to 5 V

⚠Warning

Always ground the electrostatic sensor.

Be sure to ground the GND terminal with a resistance value of 100 Ω or less. In addition, a dedicated power supply is recommended for use as the sensor-driving power supply. Connecting any equipment other than the sensor to this power supply may trigger the malfunctioning or breakdown of the equipment when static electricity is discharged to the sensor head or when noise enters the GND terminal.

Note) When using the cable on the external equipment connection side after cutting it short, do not connect a shielding wire (since the shielded line is wired in common with the amplifier case, provide a frame ground on the amplifier case side).

∗ Text in ( ) refers to each lead wire coating color of the dedicated cable.

Dimensions

IZD10-110
IZD10-510