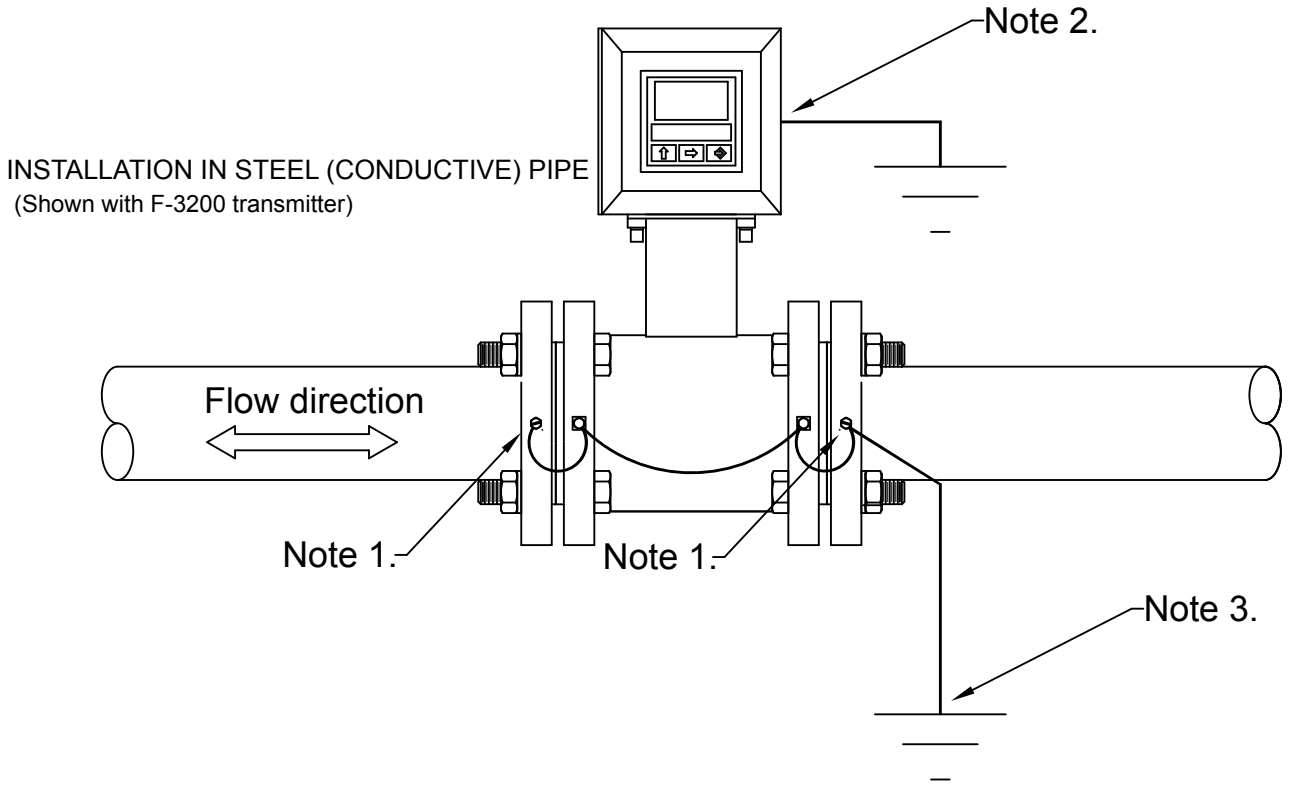
F-3000 Series Mating Flange Grounding Kit Instructions



Note 1. Using a #21 (0.159") drill bit, drill a ½" deep hole in edge of each mating flange. Tap each hole using a 10-32 tap. Secure the ring connectors (provided) and grounding wires to the flange using the green grounding screws (provided).

(Alternate method: Weld 10-32 studs (not provided) to the flange faces and attach ring connectors with 10-32 nuts (not provided).

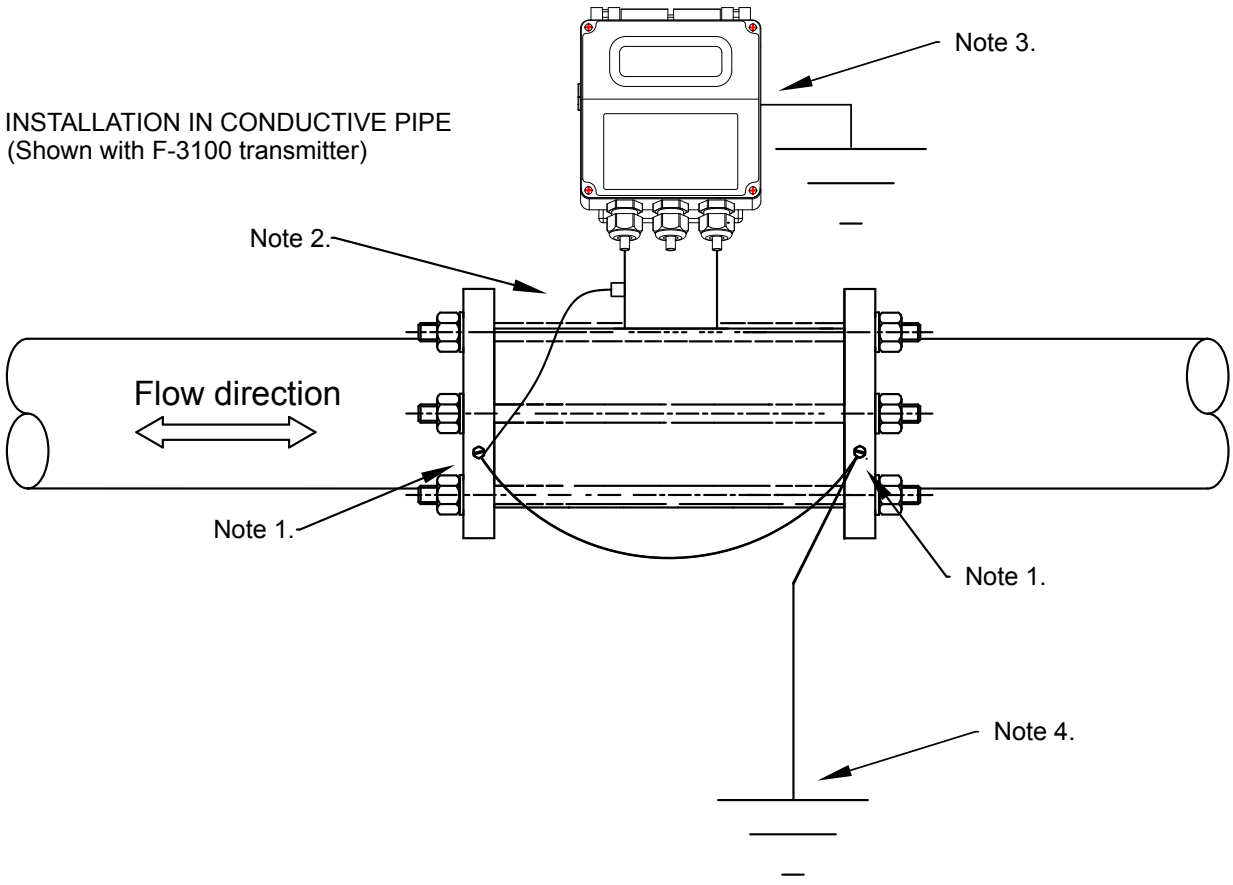
Note 2. Provide a ground connection at the input power terminals inside the transmitter enclosure.

Note 3. Provide a quality earth ground connection to the meter.

From best to worst, grounding options include:

1. Earth grounding rod driven into the soil.
2. Earth wire connected directly to the building electrical service panel.
3. Earth wire connection inside an electrical outlet near the meter.

F-3000 Series Mating Flange Grounding Kit Instructions (Wafer Style Meter)



Note 1. Using a #21 (0.159") drill bit, drill a ½" deep hole in edge of each mating flange. Tap each hole using a 10-32 tap. Secure the ring connectors (provided) and grounding wires to the flange using the green grounding screws (provided).

(Alternate method: Weld 10-32 studs (not provided) to the flange faces and attach ring connectors with 10-32 nuts (not provided).

Note 2. For meters provided with a grounding electrode connect grounding wire to terminal on the meter neck as shown.

Note 3. Provide a ground connection at the input power terminals inside the transmitter enclosure.

Note 4. From best to worst, grounding options include:

1. Earth grounding rod driven into the soil.
2. Earth wire connected directly to the building electrical service panel.
3. Earth wire connection inside an electrical outlet near the meter.