

**OPTICAL ENCODER**

To check the Optical Encoder follow the following guidelines:

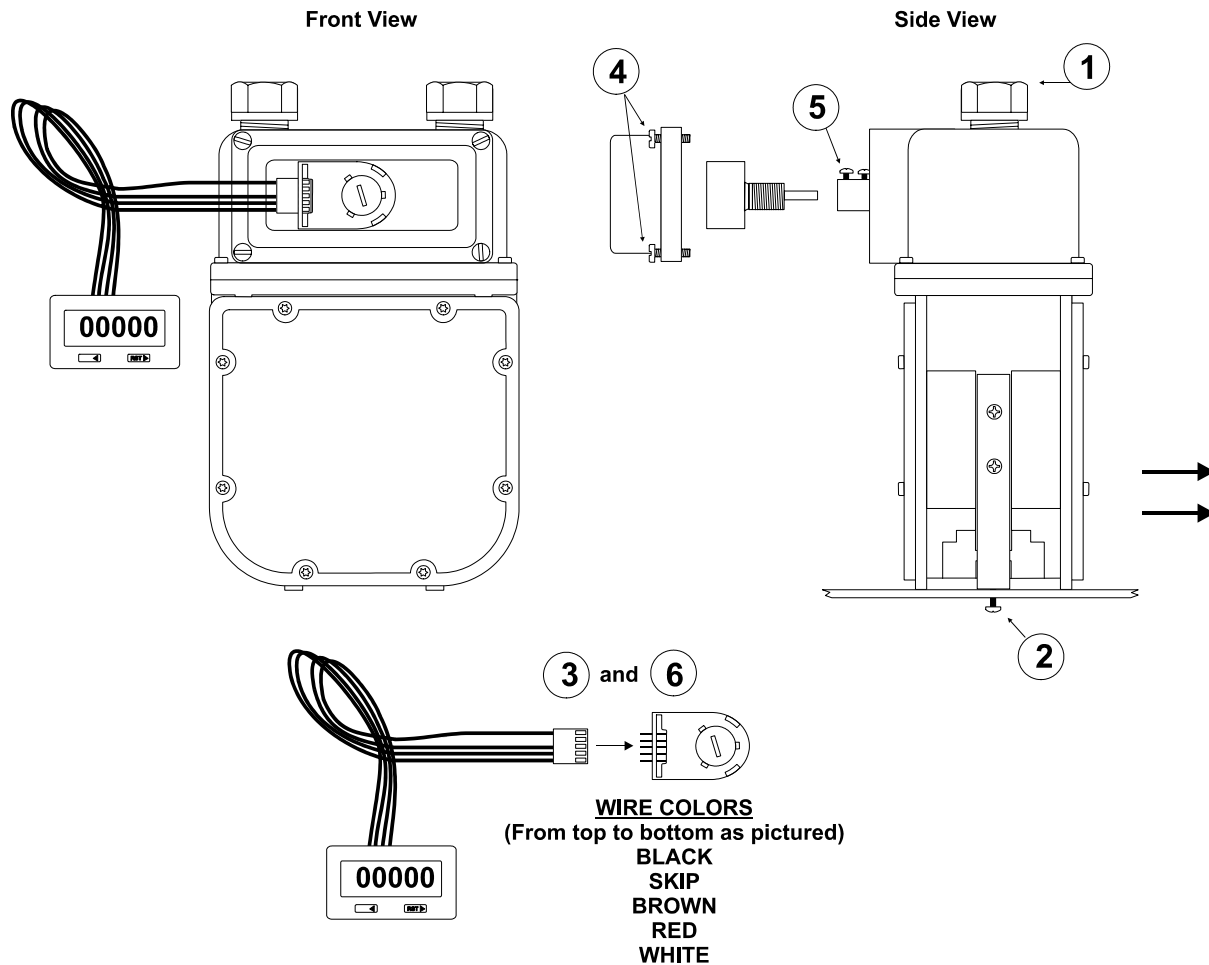


Figure 3-6 SK-25 Dry Gas Meter with Optical Encoder

1. Disconnect Inlet and Outlet plumbing.
2. Remove screw from bracket underneath the floor panel.
3. Carefully pull meter back away from front panel and undo Optical Encoder wires.
4. Unscrew the four (4) plate screws and remove front plate.
5. Loosen first set screw and pull out Encoder.
6. Reconnect Encoder wiring making sure the wire colors are in the correct order.
7. Spin Optical Encoder armature and look at totalizer to see if any movement (increase for forward movement and decrease for backwards movement.) If this movement occurs the Encoder is working properly. If it does not, retrace wires per schematic in Appendix A of this manual, and verify wiring is correct.