

#### Tools and Materials Needed

1. Model 102 or 102M Replacement Cable
  - Comes with P1 or P2 Probe attached
  - 2 Pin Cable Molex Connector
  - Grommet
2. Phillips or Robertson Screwdriver
3. Wire Cutters

#### Instructions

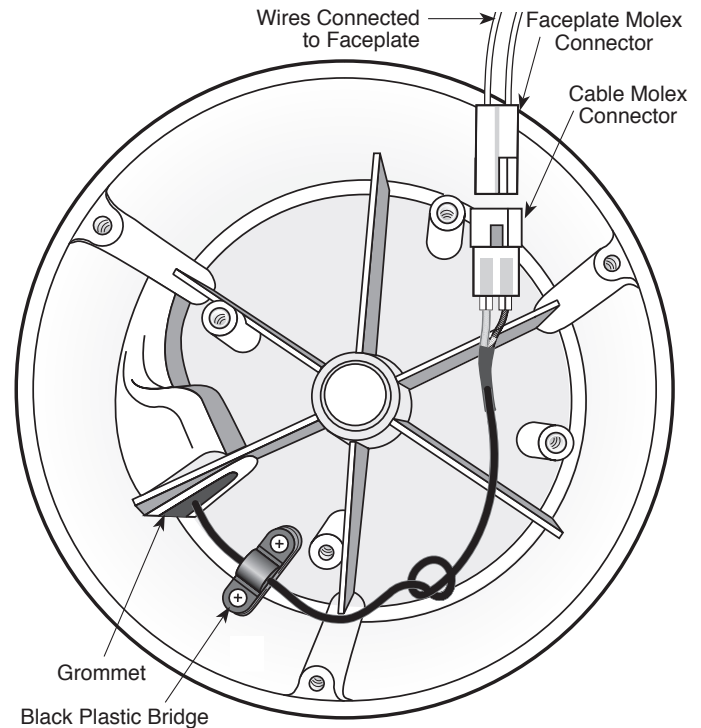
1. Place the Reel on a flat workbench with the Faceplate up and remove the battery. Unwind the old cable, and cut the cable at the end near the Grommet.
2. Undo the three screws from the Faceplate, and slowly remove it from the Reel.
3. Disconnect old Cable Molex Connector from the Faceplate Molex Connector.
4. Undo the two screws from the Black Plastic Bridge holding the Cable inside the Reel Hub, and remove the top piece of the bridge.

**Note:** There is no Black Plastic Bridge in a 102M Mini reel.

5. Pull the Cable through the Grommet and remove from the Reel.

**Note:** The Replacement Cable comes with a new Grommet. The old Grommet may be replaced with the new one, or left in if not damaged.

6. Feed the new Cable with Connector Pins through the Grommet into the Reel Hub. Without tangling the Cable, feed about 1 ft (0.3 m) of Cable through the grommet so as to provide enough slack to continue.
7. Tie a knot in the Cable, approximately 5" (125 mm) from the end, to secure it from going back through the Black Plastic Bridge (or the Grommet in a 102M Mini reel).
8. By hand, insert the Connector Pins into the new 2 Pin Cable Molex Connector. The negative Connector Pin is inserted into the terminal on the pointed side of the Cable Molex Connector, and the positive Pin into the other terminal (the negative Pin is solid and the positive Pin is hollow).

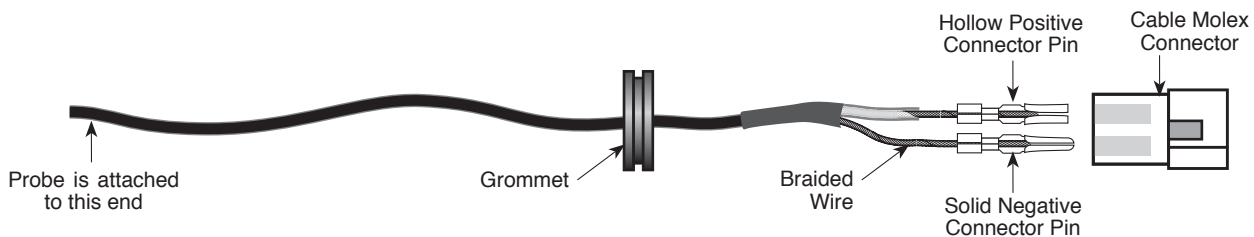


*Inside View of 102 Reel Hub  
Showing Connection Detail*

9. Position the Cable inside the Reel Hub with Black Plastic Bridge over top (the notch allowing the cable to run through the Black Plastic Bridge facing downward) and refasten the two screws to secure the Cable to the Reel.

**Note:** There is no Black Plastic Bridge in a 102M Mini reel.

10. Connect the Cable Molex Connector to the Faceplate Molex Connector. Replace the battery.
11. With Probe in a glass of tap water, turn the Water Level Meter to the 'ON' position. If the connections are correct the buzzer and light on the Meter will be activated. Check connections if the buzzer does not sound.
12. Replace the Faceplate on the Reel and re-secure the three screws.
13. Wind the Cable onto the Reel, slowly, holding to ensure no slack.



*102/102M Replacement Cable*

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**For further information contact: Solinst Canada Ltd.**  
 Fax: +1 (905) 873-1992; (800) 516-9081 Tel: +1 (905) 873-2255; (800) 661-2023  
 35 Todd Road, Georgetown, Ontario Canada L7G 4R8  
 Web Site: [www.solinst.com](http://www.solinst.com) E-mail: [instruments@solinst.com](mailto:instruments@solinst.com)

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