

7.2.5.6 Input unit assembly replacement

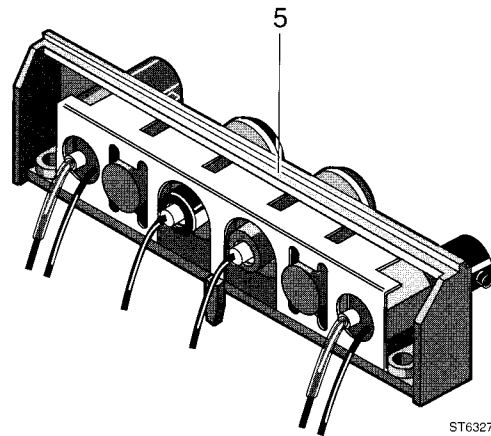


Figure 7.14 Input unit assembly

Referring to figure 7.14, use the following procedure for input unit assembly replacement.

1. Remove the front cover assembly.
2. Disassemble the bottom cover assembly.
3. Remove the 30-pole flat cable.
4. Unsolder the wiring (6x) of the input terminals from the analog A2 PCB.
5. The input unit assembly is clamped onto the analog A2 PCB. Loosen these clamps and pull the input unit assembly from the analog A2 PCB.

NOTE: The white gaskets on the input terminals (4x) are sealed to, and must remain with the input unit assembly. Do not damage the gaskets and do not separate them from the input unit assembly. Correctly fitted gaskets assure the sealing of the ScopeMeter.

6. Reinstall the front unit assembly.

7.2.5.7 Top cover assembly replacement

Referring to figure 7.12, use the following procedure for top cover assembly replacement.

1. Remove the bottom cover assembly.
2. Remove the 30-pole flat cable.
3. The digital A1 PCB and metal screening are secured to the top cover with four M3 Torx screws (item 33). Two of these screws contain standoffs. be sure to put them on the right place again. Use a Torx screwdriver to remove the screws.
4. Remove the metal A1 screening from the digital A1 PCB.
5. Lift the digital A1 PCB out of the top cover. Be careful not to damage the infrared LED and phototransistor of the optical interface.