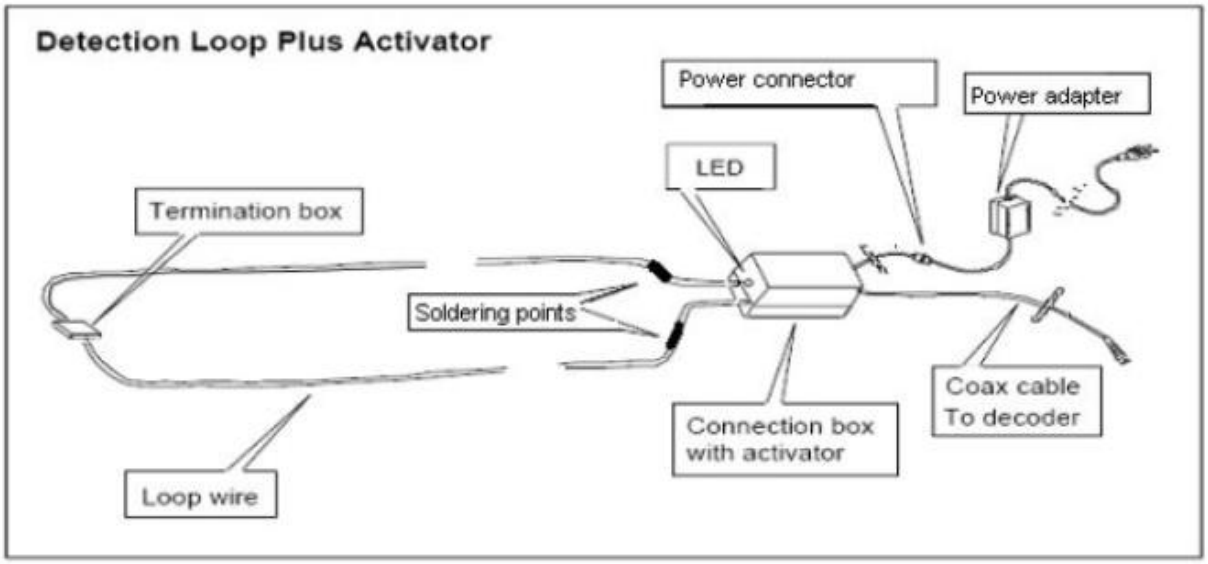
## Electrical test of an active detection loop

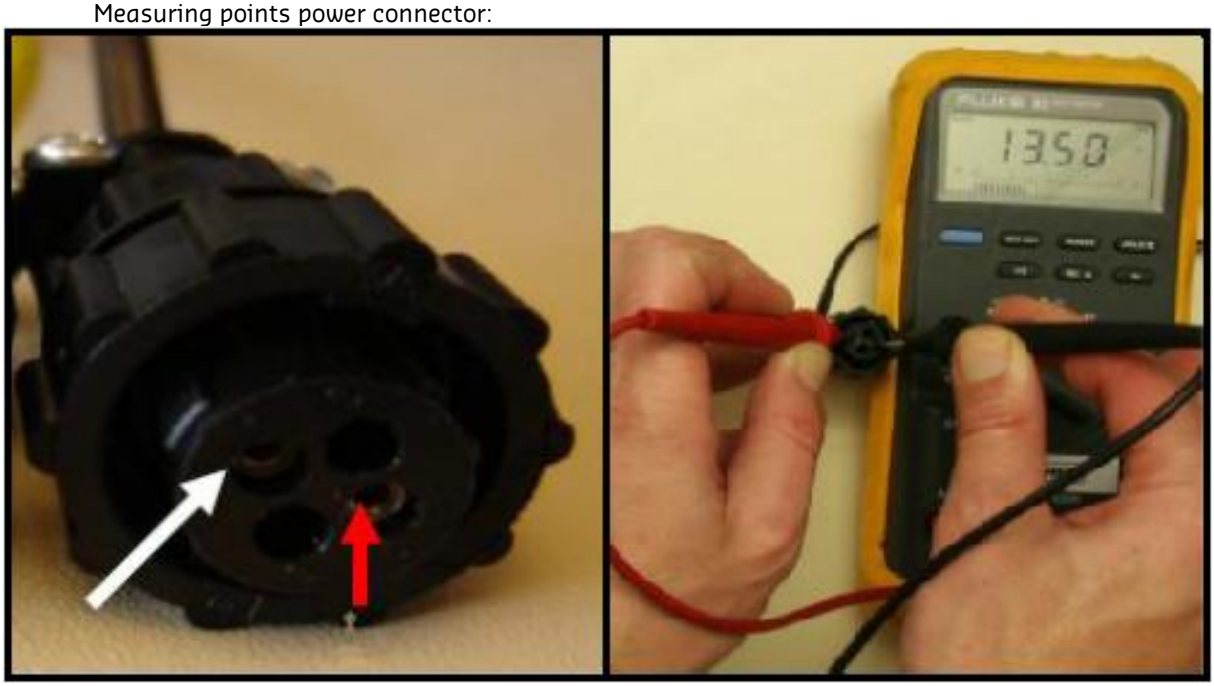
Procedure to check an active detection loop and the coax connection.

Required measure instrument: multi meter



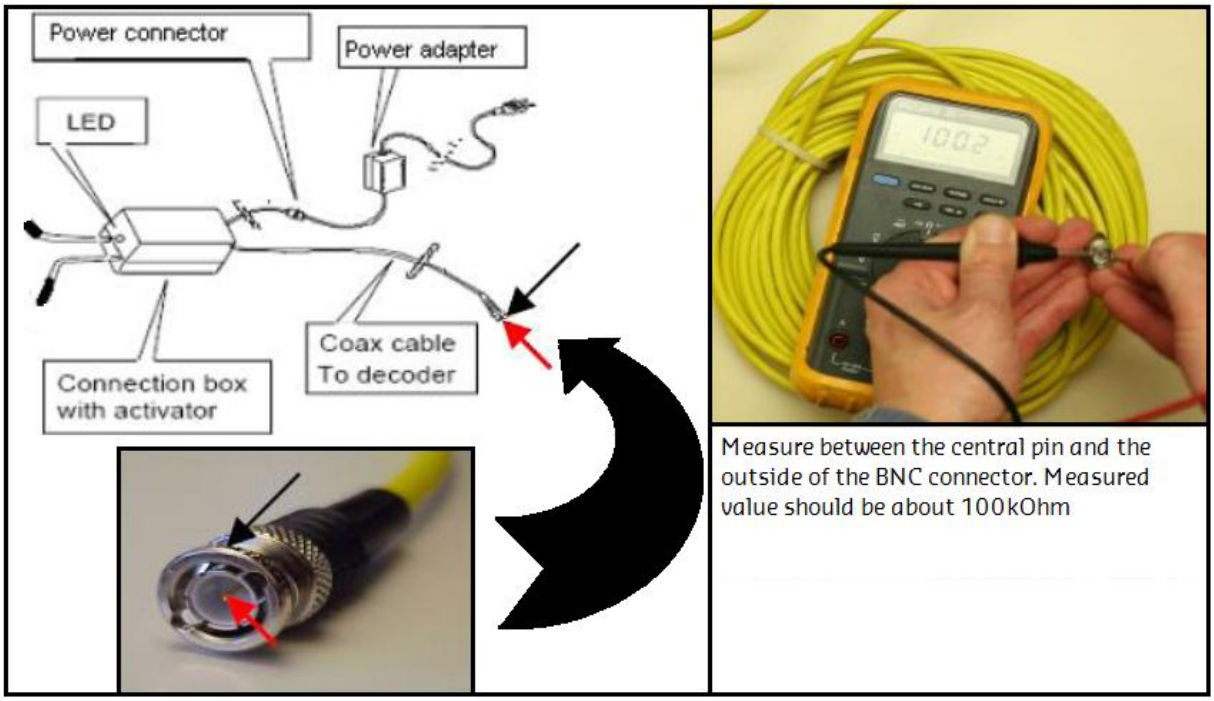

1. Power adapter measure:
   Before measuring:
   - Disconnect the power connector from the power adapter
   - Connect the power adapter to general power source
   - Set the multi meter to measure V DC (Voltage)

   Measuring points power connector:



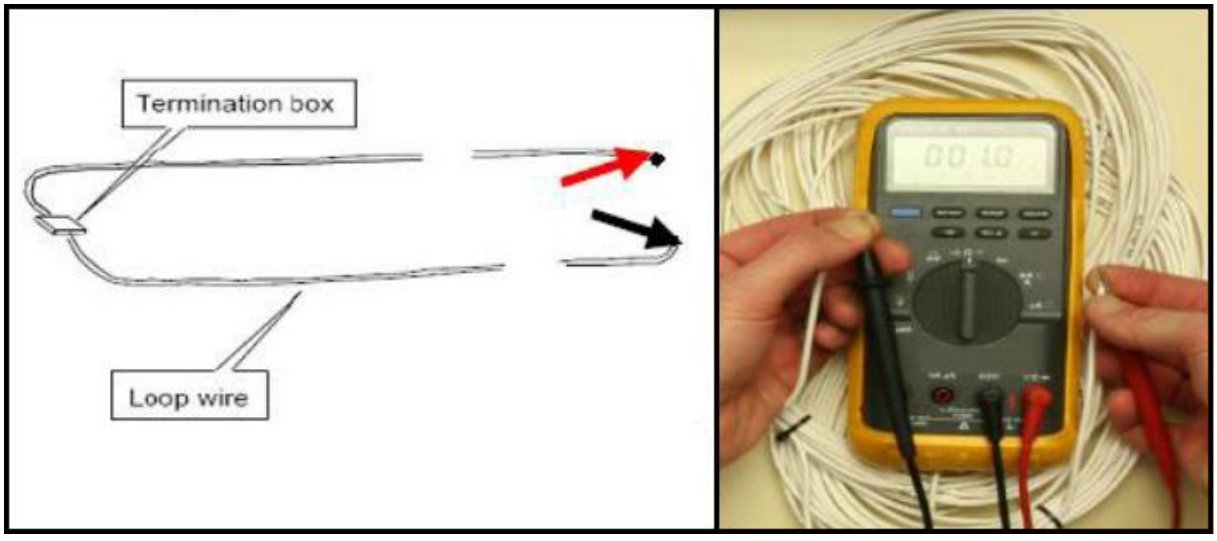

The power supply of the connection box with activator should deliver between 12V DC and 15V DC

2. Coax cable
   Before measuring:
   - Disconnect the coax cable from the decoder
   - Set the multi meter to measure Ω (Ohm)




If another value is measured, the connection box with activator is faulty. Replace the part by a new one. Unsolder the detection loop wires from the connection box with activator and measure the detection loop before resoldering the replacement part.

3. Detection loop
   Before measuring:
   - Disconnect the power adapter from the general power source
   - Unsolder the loop wires from the connection box with activator
   - Set the multi meter to measure Ω (Ohm)




Measure the loop connections. Wait for 5 seconds. Measured value about 1Ω (Ohm)

If another value is measured, the detection loop is faulty. Replace the part by a new one.