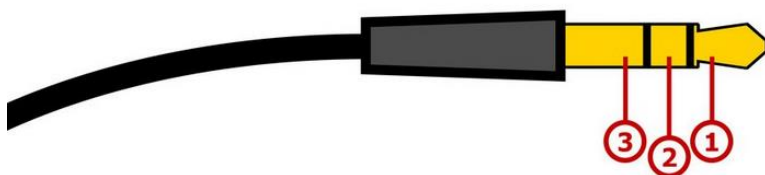


Dendrometer Cable Wire Assignment

Stereo jack, 3-wire cable



Wire assignment for 3-wired cable with stereo jack

red at potentiometer -> brown wire of the 3-wire sensor cable -> **contact 1** of stereo jack
green at potentiometer -> white wire of the 3-wire sensor cable -> **contact 2** of stereo jack
yellow at potentiometer -> black wire (shield) of the 3-wire sensor cable -> **contact 3** of stereo jack

Resistance between contacts of the stereo jack

Resistance between contacts 1 and 3: variable between 0 and 20 kOhm
Resistance between contacts 1 and 2: variable between 20 and 0 kOhm
Resistance between contacts 2 and 3: constant at 20 kOhm

Bare ended, 4-wire cable

Wire assignment for 4-wired cable with bare ends

red at potentiometer -> yellow wire of the 4-wire sensor cable
green at potentiometer -> brown wire of the 4-wire sensor cable
yellow at potentiometer -> green and white wires of the 4-wire sensor cable

Resistance between wires of the 4-wire sensor cable

Resistance between yellow and green/white: variable between 0 and 20 kOhm
Resistance between yellow and brown: variable between 20 and 0 kOhm
Resistance between brown and green/white: constant at 20 kOhm