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The invention relates to the field of electrical measurement and may be used for high-accuracy insulation intact measurement of resistance of the articles of insulated wire in the process of adjustment to value.

The device for measuring the resistance of articles of insulated wire in the process of adjustment to value comprises a signal generator (1), a capacitance contact (5) placed adjacently to the insulated wire, connected to the input of an amplifier (6), a phase-sensitive null detector (7) connected with the signal input to the first output of the amplifier (6) and with the output – to the input of a null-indicator (8), as well as a negative resistance converter (9), to its inputs it is connected a controllable resistor (10), and its reference output is connected to the reference input of the phase-sensitive null detector (7), one output of which is connected with a sliding contact (4) for connection to the adjusted article, at the same time the second output of the negative resistance converter (9), the second output of the amplifier (8) and one output of the generator (1) are connected to the common wire. The device additionally comprises a carcass (3) for placement of insulated wire removed from the adjusted article, and the second sliding contact (2), connected to the second output of the signal generator (1), providing for the electric contact with the end of the insulated wire placed onto the carcass (3).

Claims: 2
Fig.: 1