

The invention relates to the electric and electronic measuring technique and may be used for measuring the resistance of the winded elements from the isolated conductor in the winding process.

The device contains a generator of the measuring signal, a coil with isolated conductor, a measured element and a mobile contact, all being connected in series. The device additionally contains a capacitive contact, placed adjacent to the isolated conductor, an amplifier, a phase-sensitive null detector, a null-indicator, a controllable resistor and a negative-resistance converter, having one output connected to the mobile contact, the second one grounded to the frame and its inputs connected to the controllable resistor. The capacitive contact is connected to the input of the amplifier, the output of which is connected to the signal input of the phase-sensitive null detector, the reference input of which is connected to the circuit point of the negative-resistance converter, wherein the voltage has the same phase with the current drawn through the measured elements, and to the output of the null detector there is connected the null-indicator.

Claims: 1

Fig.: 2