

s 2017 0101

The invention relates to methods for transmitting two analog signals and can be used in communication interfaces for transmitting information, measuring the values of two thermistors or resistance strain gauges. Other devices can be connected to the three-wire communication line between the specified devices.

The method consists in that the values of the currents at the input and output of the line form two projective coordinate systems. The projective coordinates of points, relative to their coordinate systems, are equal to each other. By measuring the currents at the input, it is possible to restore the homogeneous projective coordinates and calculate the value of information conductances or transmitted signals.

Claims: 1

Fig.: 4