

OUTPUT SIGNAL LEVEL CONTROL CIRCUIT USING DIFFERENT DETECTING SECTIONS IN DIFFERENT OUTPUT SIGNAL LEVELS

ABSTRACT

In an output signal level control circuit, a level adjusting section (1, 2) receives an input signal to adjust the input signal in level in response to a level control signal. A branching circuit (3) branches a portion of the input signal adjusted in level by the level adjusting section (1, 2) to produce a branched signal. A detecting section (11) includes the first and second detecting sections (4a, 4b) and generates a detection resultant signal based on a first detection result of the branched signal by the first detecting section (4a) and a second detection result of the branch signal by the second detecting section (4b). The first and second detecting sections are operable at a same time. A control signal generating unit (6, 7, 8, 9, 10) generates the level control signal based on the detection resultant signal to output to the level adjusting section (1, 2).

Fig. 1.