

ABSTRACT OF THE DISCLOSURE

The invention relates to a method for setting the trigger power of transmitter diodes.

5 In the previously known methods, the transmission power of transmitter diodes that transmit data via optical paths is preset to a fixed value and not adapted to the communication distance.

A new method is specified in which the trigger power is determined for the present communication distance before data transmission begins on the basis of a test signal. Furthermore, a circuit arrangement is specified for implementing the method according to the
10 invention. Since the set trigger power is lower than in accordance with the previous method, the power consumption for data transmission can be reduced considerably.