

Ultrasonic microcontroller device for distance measuring between dustcart and container of municipal solid wastes(Article)

[Ultradźwiękowy mikrokontroler do pomiaru odległości między śmieciarką a pojemnikiem odpadów komunalnych]

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In the paper structural diagram of the device and block scheme of microcontroller control algorithm for measuring distance have been proposed. The main characteristics of the proposed device are provided. The results of experimental tests are shown for measuring distance with consideration of environmental parameters. The results of experimental studies, presented in the work, confirm reliability of the parameter being measured. © 2019, Wydawnictwo SIGMA-NOT. All rights reserved.