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B214 - Ultrasonic proximity sensor



An LED lights up if a body approaches the ultrasonic sensors at a distance of 10 - 80 cm (depending on the size of the body). Use: parking-in assistance for cars in garages, alarm signal for persons or animals staying in a certain area. Operating voltage: 9 - 12 V/DC. The device works according to the same principle as the ultrasonic echo ranging of bats!
This kit may be extended to relay operation with our relay board "B197" (not enclosed).
Please notice the article "Peilen wie die Fledermaus" from the german magazine "Electronic Actuell Magazin" no.7/99.

Fitting case: G023 - Case With Fastening Straps

Additional kit: B197 - Relay card 12 V/DC

Technical Data:
Operating voltage: 9 - 12 V/DC
Operating frequency: approx. 40 kHz
Range: approx. 10 - 80 cm, depending on the size of the body (approx. 0,01 - 0,5 m²)
Display: LED
Current consumption: < 10 mA
Board dimensions: approx. 55 x 45 mm