TRU COMPONENTS

CE

**BN 2268131**

# GPIO Adapter Board for micro:bit

**GB Operating instructions**

## Latest operating instructions

Download the latest operating instructions at www.conrad.com/downloads or scan the QR code shown. Follow the instructions on the website.

## Delivery contents

• GPIO Adapter Board for micro:bit

## Description

The micro:bit is a powerful, low-cost, fully programmable single board computer developed by the BBC. It was designed to encourage children to actively engage in technical activities such as programming and electronics.

It features a 5x5 LED matrix, two integrated buttons, a compass, an accelerometer and Bluetooth®.

It supports the graphical programming interface PXT (Make-Code). This can be used on Microsoft Windows®, MacOS, iOS, Android™ and many other operating systems without downloading an additional compiler.

The additional board has been specially developed for the micro:bit single board computer. The board guides the pins of the micro:bit onto pin strips. This allows you to easily connect jumpers (jump wires) and expand your micro:bit with your own circuits.

Bluetooth® is a registered trademark of Bluetooth SIG, Inc.

## Product features

• 1x slot for micro:bit single board computer
• 22 contacts, pin strip, 2.54 mm spacing

## Requirements

The following components are required to use the board:

• 1 micro:bit, e.g. Conrad item no.: 2253828

## Operation

Insert the micro:bit into the slot provided on the circuit board. The 5x5 LED matrix must point in the same direction as the pin contacts!

## Disposal

Electronic devices are recyclable waste and must not be placed in household waste. At the end of its service life, dispose of the product in accordance with the applicable regulatory guidelines.

You thus fulfil your statutory obligations and contribute to protection of the environment.

## Technical data

Dimensions (W x H x D) ............................. 34 x 10 x 70 mm
Weight ........................................................ 17 g