

Pushbutton (BTN) Sensor Data Sheet

BTN 090616

SPECIFICATIONS

- > **Type:** Momentary
- > **Output Voltage:** 0V (pull-down)

FEATURES

- > Onboard current-limiting resistor
- > Miniaturized form factor
- > Easy-to-use

APPLICATIONS

- > Event annotation
- > Acquisition triggering

GENERAL DESCRIPTION

A common need when recording biosignals is the annotation of meaningful events that occur during the recording session, synchronously with the biosignal data. This miniaturized manual button was specifically designed for that purpose.

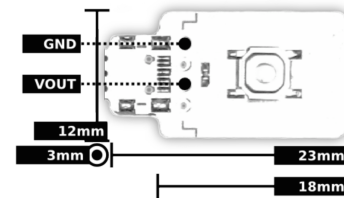


Fig. 1. Pin-out and physical dimensions.

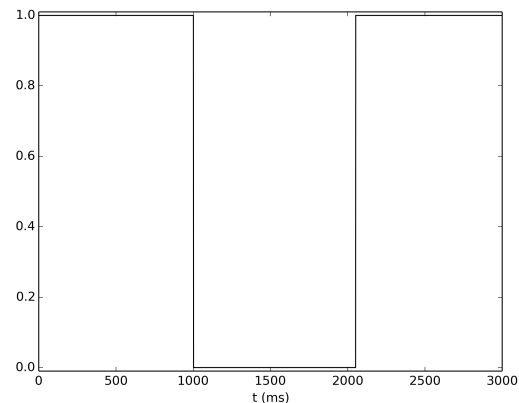


Fig. 2. Typical raw BTN response on a digital input port (acquired with BITalino (r)evolution).

ORDERING GUIDE

Part #	Description
SENS-BTN-NC	Pushbutton (BTN) without connectors
SENS-BTN-UCE6	Pushbutton (BTN) with UC-E6 socket for seamless plug & play connection to a BITalino (r)evolution Plugged or Core
SENS-BTN-SHER4	Pushbutton (BTN) with a Molex Sherlock 4-pin socket for easy power and signal cable connection or pin breakout using PCB wires

bitalino

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