

# Vibration Motor Disc (VMD) Actuator Data Sheet

VMD 290916

## SPECIFICATIONS

- > **Speed:** up to 13000RPM (max.)
- > **Noise:** up to 50dBA (max.)
- > **Consumption:** 60mA
- > **Input Voltage Range:** 2.2-3.6V

## FEATURES

- > On-board power conditioning circuitry
- > Small form factor
- > Easy-to-use

## APPLICATIONS

- > Haptic feedback
- > Vibrotactile devices
- > Sensory substitution

## GENERAL DESCRIPTION

The vibration motor is typically used to provide haptic or vibrotactile feedback to the user. This accessory can also be a good alternative to audio and visual feedback (e.g. using a buzzer or LED) in applications where non-audible and non-visual cues are important.

## ORDERING GUIDE

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

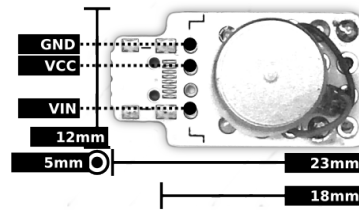


Fig. 1. Pin-out and physical dimensions.

# bitalino

PLUX – Wireless Biosignals, S.A.  
Av. 5 de Outubro, n. 70 – 8.  
1050-059 Lisbon, Portugal  
bitalino@plux.info  
<http://bitalino.com/>

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BEWARE: DIRECT OR INDIRECT COUPLING TO THE MAINS MAY RESULT IN SHOCKING HAZARD

