

# Datasheet

## Breakout unit For $\mu$ Myotis 4-Channels conditioning unit Micro-Myotis 4ch Breakout unit



### DESCRIPTION

This breakout unit is intended to be used with SFP style  $\mu$ Myotis conditioning unit.

It delivers from 5V USB type C the required power supplies for SFP package with low noise LDO.

The LED status allows for quick debugging: RED when powered on but no sensor, Green when sensor detected.

The USB plug offer also USB serial communication with the  $\mu$ Myotis for update, temperature monitoring, DC signal output and light source monitoring.

### Conditioner input

<b>Input connector type</b>	SFP+
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### Environment

<b>Operating temperature</b>	-40 to 85° C
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### I/O Connector

#### Input

<b>Connector type</b>	USB type C
<b>Supply</b>	5V, 500mA typ

#### Output

<b>Digital</b>	Serial communication with USB type C
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<b>Analog</b>	4x BNC AC $\pm 1.65V$ . Amplification x101 Filtered bandwidth: 106Hz-106kHz
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	DSUB9: pin 1, 2, 3, 4: raw signal from $\mu$ Myotis, 50ohm, not filtered: 0-3.3V
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Figure 1 - Front view

Mechanical drawing

Based on Takachi EXP20-6-14 BO

