Datasheet

Breakout unit
For µMyotis 4-Channels conditioning unit

Micro-Myotis 4ch Breakout unit



DESCRIPTION

This breakout unit is intended to be used with SFP style µMyotis 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 µMyotis for update, temperature monitoring, DC signal output and light source monitoring.

Conditioner input

Input connector type	SFP+

Environment

Operating temperature	-40 to 85° C

I/O Connector

Input

Connector type	USB type C
Supply	5V, 500mA typ

Output

Digital	Serial communication with USB type C
Analog	4x BNC AC ±1.65V. Amplification x101 Filtered bandwidth: 106Hz-106kHz DSUB9: pin 1, 2, 3, 4: raw signal from µMyotis, 50ohm, not filtered: 0-3.3V



Figure 1 - Front view

Mechanical drawing

Based on Takachi EXP20-6-14 BO

