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Kinesys Libra Node Spec Sheet

⌚ Sep 27, 2025 Knowledge

Title

Kinesys Libra Node Spec Sheet

URL Name

5577018373403-kinesys-libra-node-spec-sheet

Summary ⓘ

Details

Kinesys Libra Node Spec Sheet

Key Features

- Ability to connect two 24V LEDs to provide load feedback— the feedback of the LEDs can be programmed by the user
- Ability to connect load sensor, or alternative sensors such as anemometers via Phoenix connectors
- Can be daisy-chained easily to other Nodes on the Libra network
- Configuration and calibration of the load cells can be done using the Kinesys Libra Setup application



Description

The Libra Node is a device that connects Kinesys Libra Cell load cells and other sensors to the Libra system via an interface such as the Libra Pro or Libra Basic. The device is designed with user flexibility in mind so that users can get the most out of their particular Libra system.

The Libra Node can be easily daisy chained to other Nodes using the Data In and Data Through XLR cables. Phoenix connectors of different types are provided to connect the XLR cables as well as a load sensor, 24V LEDs and alternative sensors to suit the needs of the user. Calibration and configuration can be achieved using the Libra Setup application.

The Libra Node is lightweight, compact, and can be mounted easily using the two 4.7 mm mounting holes or by attaching the flat base to a suitable surface.

Specifications

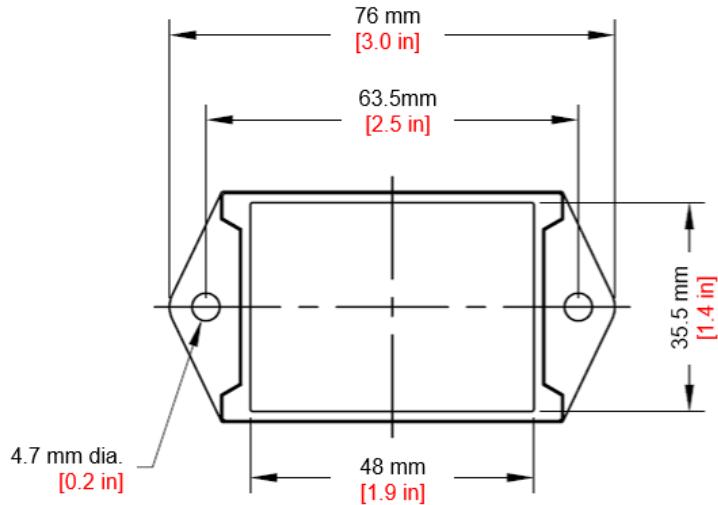
Construction

Dimensions (L x W x H) 76 mm x 35.5 mm x 38 mm (3.0 in x 1.4 in x 1.5 in)

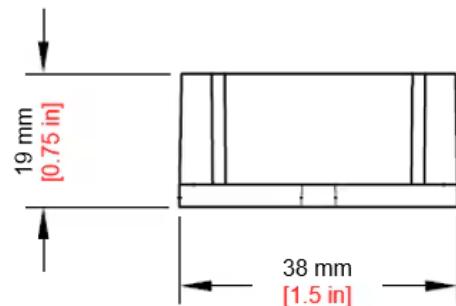
Weight 51.4 g (0.11 lbs)

Dimensions

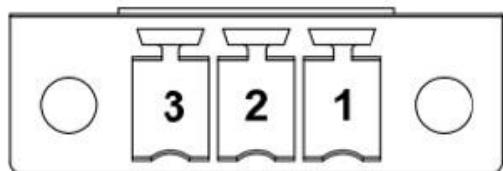
Top View



Side View

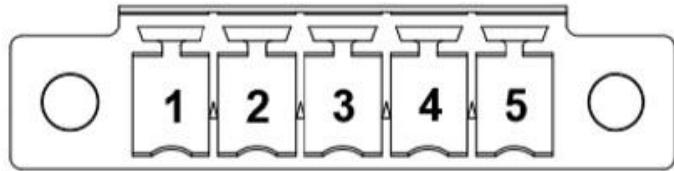


Pinouts



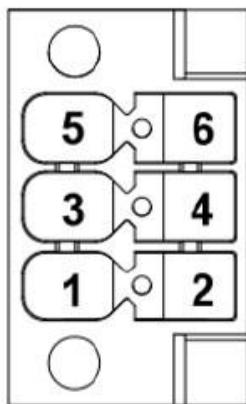
LED Pinout

- 1 - +V* (24V)
- 2 - RD
- 3 - GN



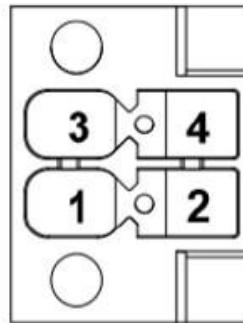
Loadcell/bridge Pinout

- 1 - VREF (2.5V)
- 2 - IN 2
- 3 - IN 1
- 4 - 0V
- 5 - SH



Data In/Through Pinout

- 1 - +V*
- 2 - D+
- 3 - D-
- 4 - 0V
- 5 - SH
- 6 - SH



Other Sensors

Pinout

- 1 - INPUT
- 2 - 0V
- 3 - +V* (24V)
- 4 - SH

Still Have Questions?

If you have any questions, [please contact us](http://www.taittowers.com/contact/) (<http://www.taittowers.com/contact/>). We look forward to hearing from you soon!

Disclaimer: These specifications are general guidelines only and may not be appropriate for your particular project. All product specifications and Data are subject to change without notice. Data, performance features, and images may vary from the final project quote. Issue date: 2024.12.17. Copyright 2024 TAIT Towers Manufacturing, LLC. All rights reserved.

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