



Flex Sensor

Vertex Line of Conditioned Sensors by Electrotap



Sensor Description

The Flex/Bend sensor responds to a physical range between straight and a 90 degree bend. This sensor uses the same technology as many of the glove controllers used for video consoles or computer games. It outputs a conditioned signal in the industry standard voltage range of 0.25-4.75 Volts

Sensor Options

This sensor can be customized in terms of cable-length, alternative connector, and extra reinforcement on the cable joint.

It is also available in a project version.

Mechanical Support

Depending on your application, it may be desirable to increase the strength of the joints where the cable meets the connector(s). They may be wrapped in electrical tape, or encased with additional heat-shrink.

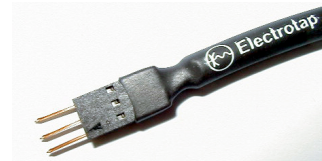
Connecting the Sensor

WARNING! It is critical that these instructions be followed to prevent damage to these sensors or the Teabox system!

Two connectors are commonly available for the Vertex Series Sensors. The most common is XLR. For this connector, simply line up the pins and plug it into the Teabox. The same applies for TRS 1/4" phone jacks.

If your Vertex Series sensor has an I-cube compatible 3-pin connector, locate the small triangle on the sensor's plug. This arrow indicates the **ground** pin on the sensor. Be certain to line up the pins so that the ground pins match each other, and make the connection. Use the images below as a reference.

NOTE: Kroonde systems use a different pin layout than most systems (including the Teabox). Contact us for more information.



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