ACCES I/O PRODUCTS, INC.

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LVDT-8U Configuration Request Form

LVDT in system use

Our customers have a wide range of uses for our LVDT-8U. To assist you in clarifying your system requirements and to assist us in making sure we provide what you need, we have created this form. We hope that by filling in this form, you will fully define your requirements from the LVDTs through the recording or feedback control system you will be using.

For large numbers of inputs to be used in a system, ACCES provides A/D cards/modules with 16 channels of single ended input as well as an 8-channel analog multiplexor (LVDT-MUX) that works with the LVDT-8U.

LVDT and SYSTEM VARIATIONS

Certain LVDT sensor specifications affect the way the LVDT-8U board needs to be configured to work with the LVDTs. So, ACCES I/O creates specific configurations for each LVDT application. For us to provide you with the correct configuration, please fill in the following information when placing your order.

ACCES I/O Use Only:	**Part number:**

A) Your information:

Company: _____   Name: _____

Email: _____   Phone: _____

B) LVDT information   **Model Number:**

LVDT URL:

OR the following LVDT information:

Configuration / Number of Wires:
☐ full-bridge / 4 wires
☐ half-bridge / 3 wires
☐ other:

Displacement / Travel: _____ ☐ mm ☐ mils ☐ in

Output Span / Sensitivity: _____ ☐ mV/V/ mm ☐ mV/V/mils ☐ V/V/in

Excitation Voltage (such as 4V +/-5%): _____ Vrms

Excitation Frequency (such as 4.8kHz +/-8%): _____

C) Application information: Channels needed: _____

Displacement / Travel of interest: _____ ☐ mm ☐ mils ☐ in

Desired Output Signal Level (such as +/-1V to +/-14V): _____ V to _____ V

Desired Bandwidth (rate of LVDT probe tip motion): _____

Source Voltage: ☐ 12V ☐ 24V ☐ 48V

D) System Level requirements: Will you need A/Ds? ☐ Yes ☐ No

If NO, please skip to the next section.

What is the primary "bus" interface? ☐ PCI ☐ USB ☐ 104 ☐ PLC ☐ Other

Number of systems: _____

Number of LVDTs per system: _____

If there are more than 16 LVDTs per system, how will you manage the outputs?
☐ multiple A/Ds
☐ multiplexors (LVDT-MUX)

E) Next section:

Synchronized signals desired (synchronized oscillators)? ☐ Yes ☐ No

How will you enclose the LVDT-8U?
☐ ACCES T-Box enclosure
☐ You have your own enclosure

Will this unit be DIN Rail Mounted? ☐ Yes (MP104-DIN) ☐ No