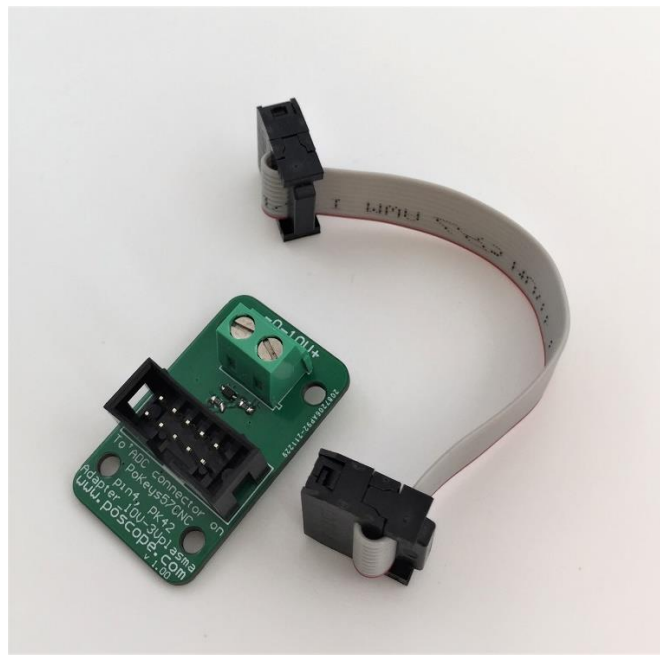




AdapterBoard10V-3.3Vplasma user's manual v1.0



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Description

Adapter board 10 V – 3.3 V is a professional, robust adapter board for analog signal. Adapter board is developed to help with the [PlasmaDiv](#) connection. Now the connection between devices (example: PlasmaDiv and [PoKeys57CNC](#)) is done and faster.

Electrical specifications

- Input voltage: 0 – 10 V,
- Output voltage: 0 – 3.3 V,

Layout

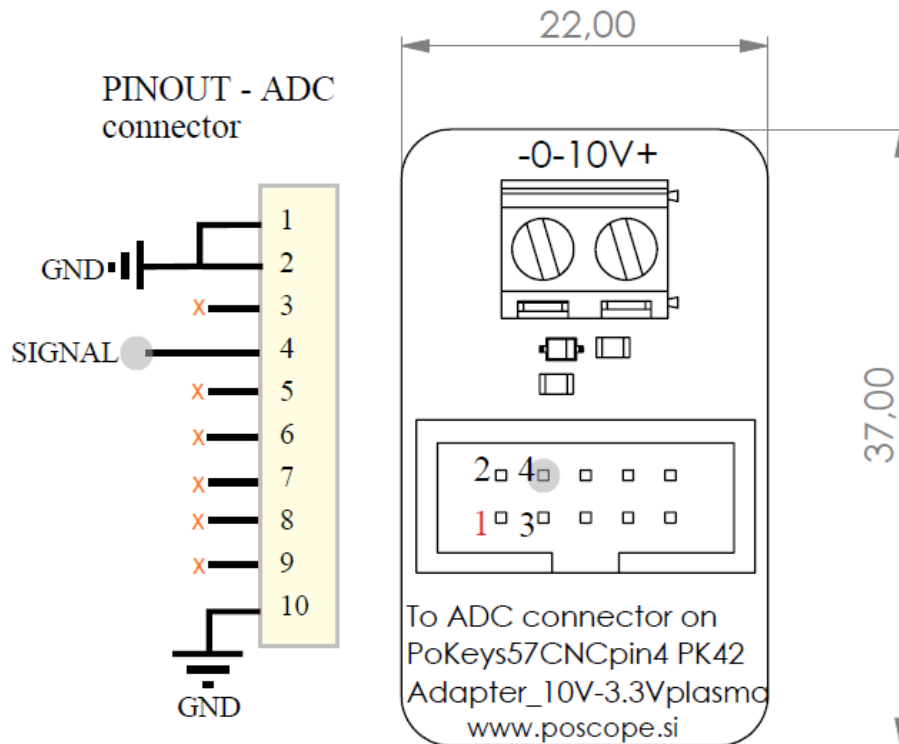


Figure 1: Adapter_10V-3.3Vplasma terminals pinout with layout and dimensions

Connection to the PoKeys57CNC and plasma cutter equipment

In figure 2 and 3 below, connection without and with AdapterBoard 10V-3.3Vplasma is presented.

Only one input can be used at a time!

1. Direct connection - without AdapterBoard

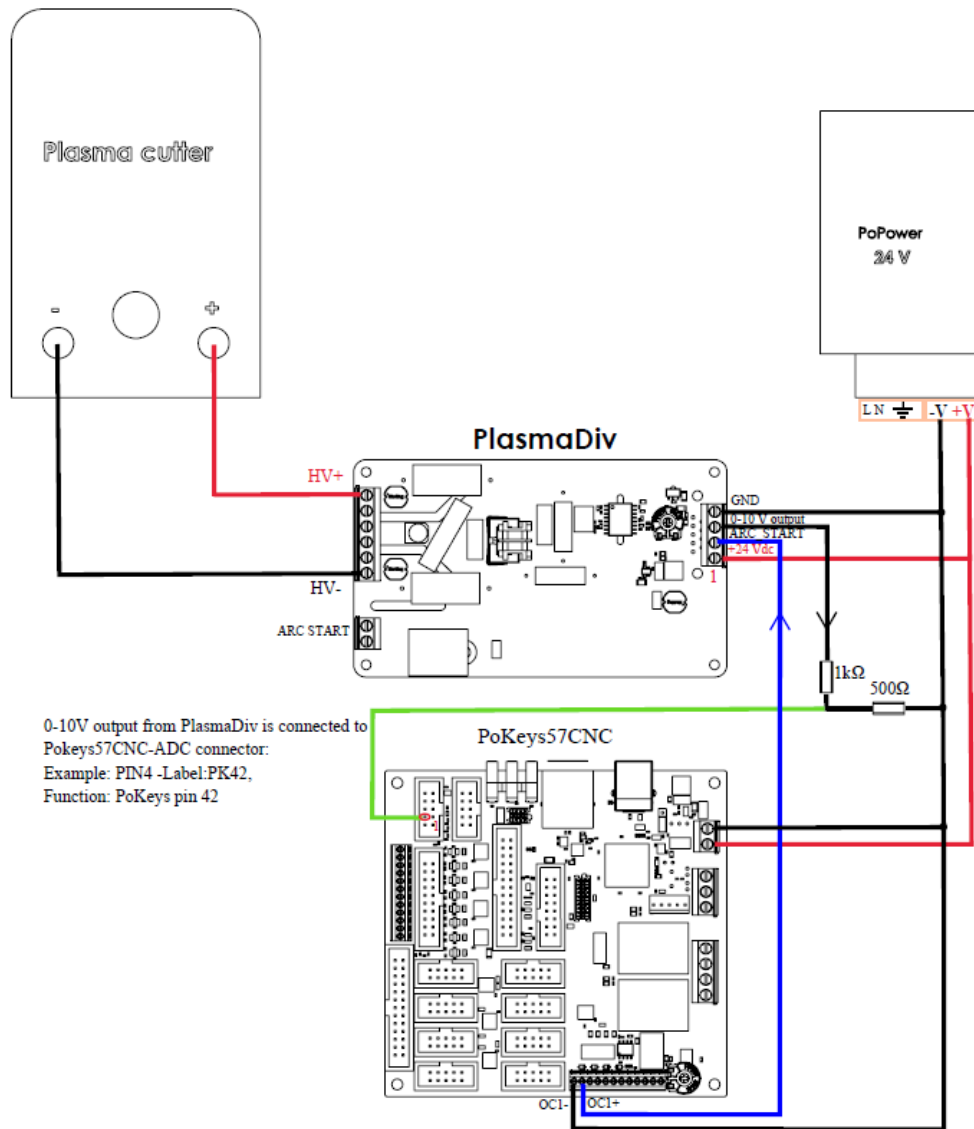


Figure 2: Connection without Adapter board

2. Direct connection - with AdapterBoard

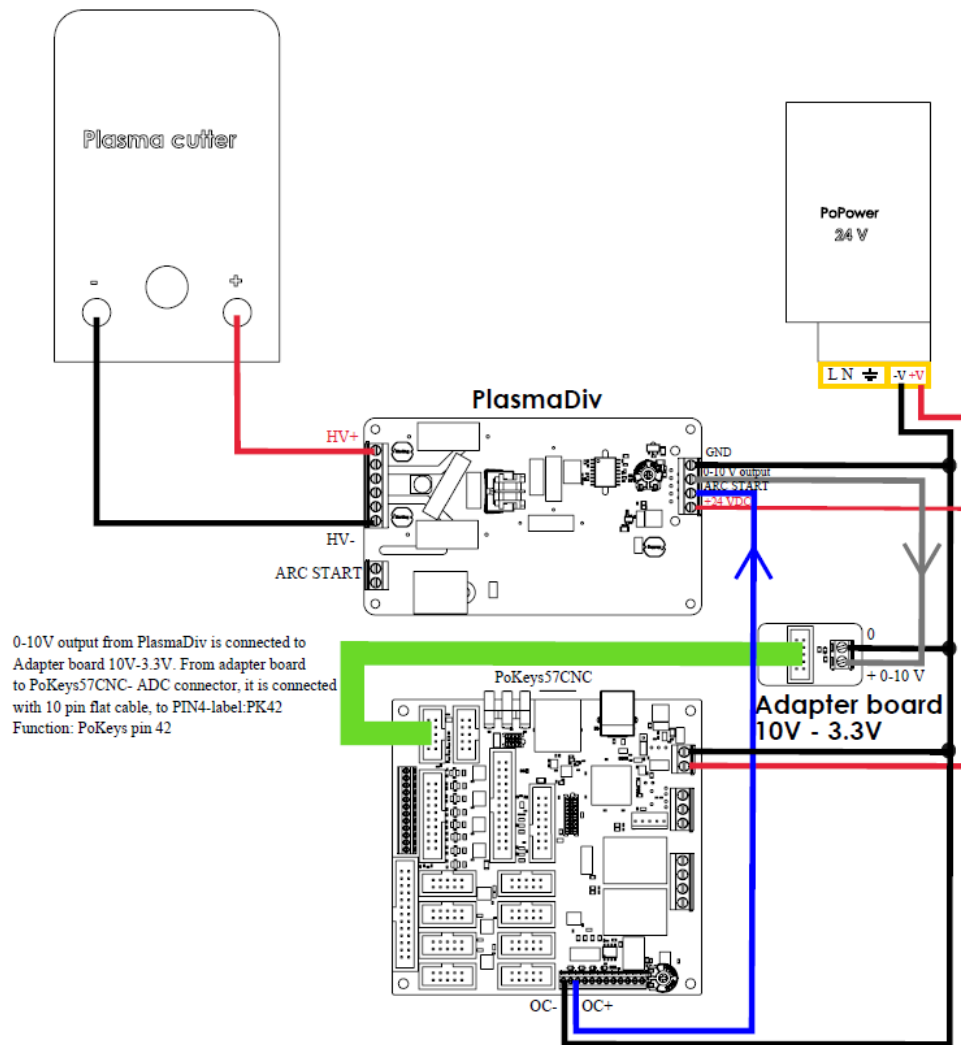


Figure 3: Connection with Adapter board

3. Connection to PoKeys devices

Adapter board 10 V – 3.3 V is very useful board which can be used with Pokeys (PoKeys57CNC, PoKeys57U and PoKeys57E) controllers – analog inputs.

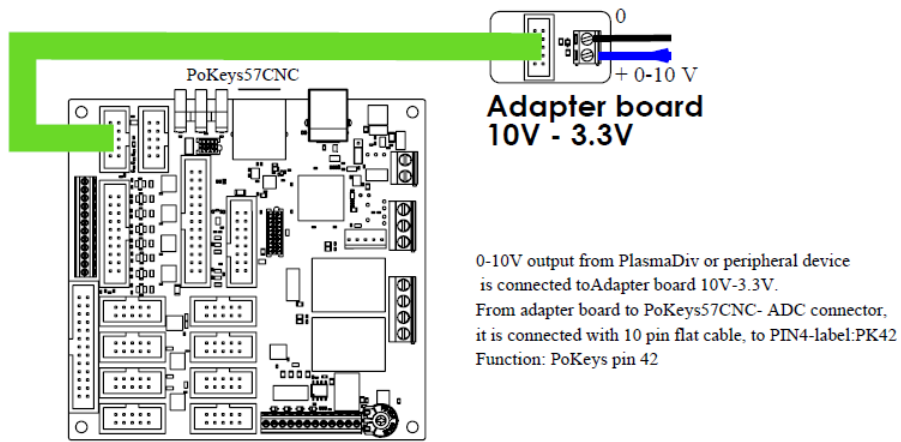


Figure 4: Connection to Pokeys57CNC device – analog input

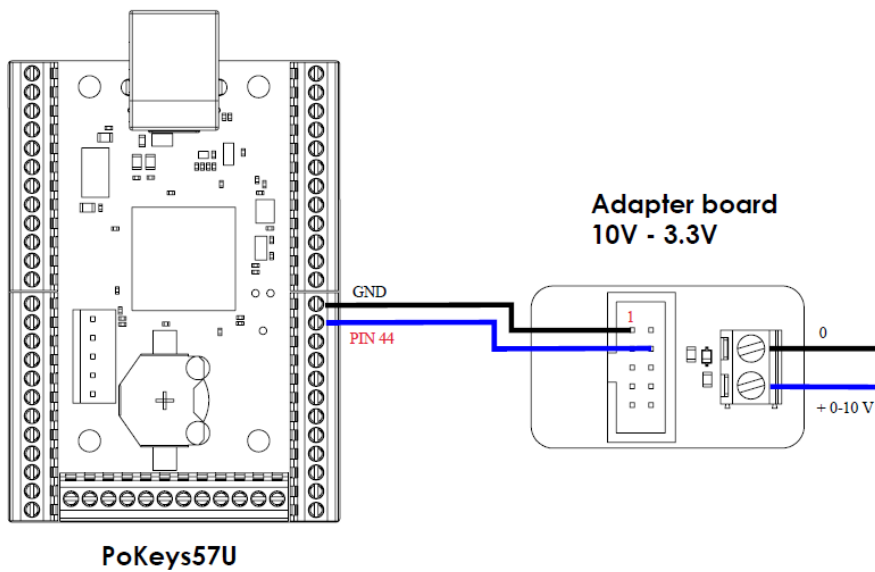


Figure 5: Connection to PoKeys57U or PoKeys57E device – analog input.

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