D a t a s h e e t

Abyzz IPU APEX Analog Interface

Ordering number: 90000302

Product description

The *Abyzz IPU APEX Analog Interface* is a safe way to connect your *Abyzz* IPU pump to a Neptune Systems APEX controller. The installation of the module provides you with a programmable, analog control input for your Abyzz pump*. With this input it is possible to control the speed of your Abyzz pump via an analogue DC voltage signal of 0 ... 10V.

The interface also has an error output in the form of an open collector output (OC). This can be connected to digital inputs (e.g. Apex Breakout Box) in order to forward any fault messages externally.

Special features

- Programmable input
- Simple setup
- Speed control from 0...100% via DC signal
- Universal fault output (OC)

* Depending on the model, a software update of your drivers may be necessary, which we will be happy to carry out for you on request.

Technical data

Power consumption : max. 1W
(Internal supply from IPU driver)

Operating voltage : 5V DC
Ambient temperature : +2°C...+40°C

Setup

Disconnect the driver from the supply voltage. To do this, remove the cover of the IPU port (4 screws on the connection side of the driver) and mount the screws on the IPU interface in the same way. Plug the interface into the expansion port and fasten the screws so that protection class IP65 is still ensured.

The control signal and, if necessary, the fault message are connected via the connection cable provided.

The settings can be configured in the driver's menu. In the overview, press the M button and scroll up or down until you find the item AUXMOD - the settings of the automatically recognized interface are managed here.

If the device is not recognized automatically, a software update of the driver may be necessary.*

Connection

3.5mm jack

Tip : 0…10V signal
Back : GND Common Ground

2.5mm jack

Tip : Open Collector Output (OC out)
Back : GND Common Ground

Scope of delivery

- *Abyzz IPUA Interface*

Additionally Required for use

- Apex connection cable 3.5mm stereo jack to Apex analog output (available from Neptune Systems)

We reserve the right to make technical changes.