BiNTRAC®

HouseLink Interface Overview

HouseLink Analog (HL-10A)

The HouseLink 10A (HL-10A) provides a 0-10 VDC analog voltage output proportional to the weight.

- Analog input required on third party controller or PLC
- Power Supply - ASY-000208
- Requires 1 HL-10A for every bin.

HouseLink Digital (HL-10D)

The HouseLink 10D (HL-10D) provides a user configurable pulsed output as weight is removed from the bin.

- Digital input required on third party controller
- Simulates a dump scale
- Typically used with ChoreTronics® II or III controller
- Power Supply comes from BinTrac (ASY-000067)
- Requires 1 HL-10D for every BinTrac Indicator.

HouseLink Proportional HL-10P and HL-10P(LV)

The HouseLink 10P (HL-10P) provides a 2-3 mV/V output proportional to the bin weight.

- Simulates analog load cells
- Powered through the excitation of the 3rd party controller
- HL-10P is used with Rotem controls. The Rotem controller will require a scale card, silo plug and scale card power supply to work.
- HL-10P(LV) is used with Maximus controls. It connects to the scale card (PCB-108)
- Requires 1 HL-10p or HL-10P(LV) per bin.

HouseLink Serial (HL-10S)

The HouseLink 10S (HL-10S) provides an RS232 or RS485 serial interface to the BinTrac system.

- The HouseLink 10S supports broadcast or polled protocols via ASCII or MODBUS data formats.
- Sold with power supply (POW-000005)
- Use with AEI, PMSI, MTech-Systems or other PLC.
- Future development to include communication hub functionality
- Requires 1 HL-10S per connected Serial device. Contact Bintrac team with questions.

HouseLink Ethernet (HL-10E)

The HouseLink 10E (HL-10E) provides an Ethernet data connection to the BinTrac system.

- The HouseLink 10E supports Modbus TCP for communications with a PLC or other devices.
- A built in web server provides easy setup and access to weight data
- Future development to include XML and communication hub functionality
- Requires 1 HL-10E per connected device. Contact Bintrac team with questions.