

AS-Interface Addressing Device



Model Number

VBP-HH1-110V

Hand-held addressing device

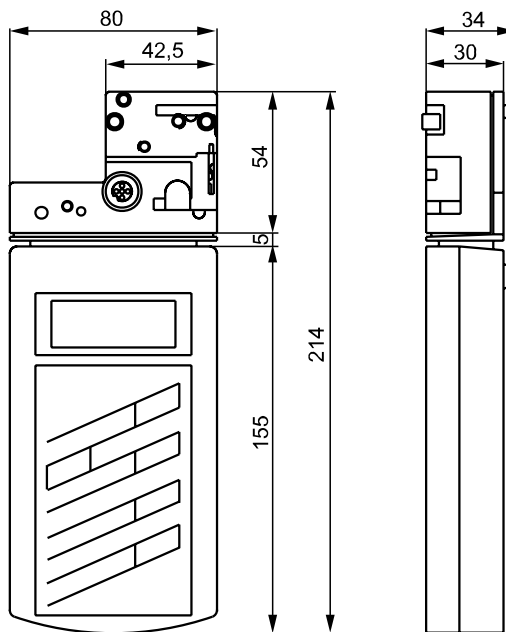
IP20

Features

- Sets and reads module addresses
- Reads module IO and ID codes
- Sets module parameters
- Reads inputs and sets outputs using data mode
- Short circuit and overload protected
- Sets module parameters
- LCD display
- Supports AS-Interface specification 2.1

Modes of Operation

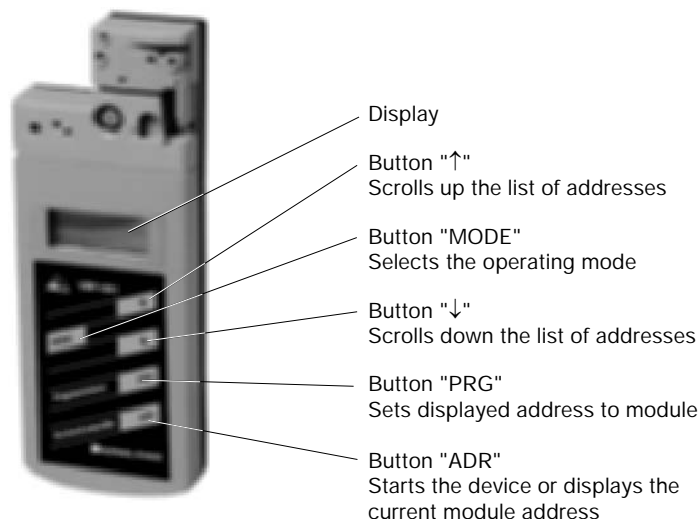
- Addressing mode
- Read ID codes
- Read IO codes
- Display peripheral faults
- Read/write I/O data



Operation

The device is activated with the "ADR" button and automatically turns off after one minute of inactivity.

- Press the "ADR" button to display the current module addresses.
- To enter new addresses, select from the address ring (i.e. 0-31, 0-31A, 0-31B) with the "↑" and "↓" keys. Press the button to advance the addresses one at a time. Hold the button to scroll through the addresses (0.5 s per address).
- Press "PRG" to load the new address in the module. The programmed address automatically displays after about 0.5 s.
- To program address 0 in the module, simultaneously press and hold "ADR" and "PRG."
- "MODE" button is used to select the operating mode.



Note: Charge battery before using!

Technical Data:

Model Number	VBP-HH1-110V
Display	LCD, character size is 13 mm
Buttons	keypad, 5 keys
Interface	AS-Interface, short circuit and overload protected
Power supply	battery operated, recharge time approximately 14 hours
Charger	115/230 VAC, plug-in charger included. Use only for charging! Not intended for use as a power supply.
Operating life	8 hours OR ≥ 250 read/write operations with a fully charged battery
Operating temperature	0 to +50°C (32 to +122°F)
Storage temperature	-20 to +55°C (-4 to +131°F)
Weight	approximately 550 g
Protection (IEC)	IP20

Description

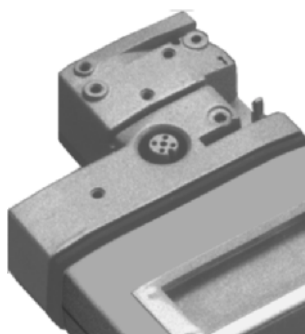
The VBP-HH1-110V is a hand-held device for addressing AS-Interface modules such as sensors, actuators and I/O modules. The VBP-HH1-110V uses a universal adapter to connect to the AS-Interface module.

Display

The LCD displays the address or an error code.

The following devices and housing styles connect easily to this device:

- V1 quick disconnect (M12x1)
- Mini-limit switch
- Limit switch
- Flat pack housing
- AS-Interface I/O modules



Error Signals:

- F1 Overload/short circuit
- F2 Module is not connected or defective
- F3 Programming error
- F4 Desired address is assigned
- F5 Address 0 is assigned
- F6 Spec. 2.04 module is found instead of spec. 2.1 module
- F7 Spec. 2.1 module is found instead of spec. 2.04 module
- F8 Receive error
- LOBAT Recharge battery — thirty read and addressing functions are possible after the first indication. To recharge the battery, use only the battery charger included with the VBP-HH1-110V.

Status Indicator:

- ÷ the indicated address is identical to the last programmed module address.

References

Manual: VBP-HH1-110V User's Manual

The documentation is included with the unit.

Accessories

The VAZ-PK-V1-CINCH programming cable connects the addressing device to modules and bases with integrated addressing jacks.

VAZ-PK-V1-CINCH

AS-Interface programming cable

V1-G-S-YE1M-PVC-V1-G

1 M extension cable (male - male)

VAZ-T1-FK-V1

Flat cable to V1 (M12x1) quick disconnect converter

VAZ-V1-B

V1 (M12x1) protective cover