Dimensions

Model number

VBP-HH1

Handheld programming device

Features

- Determining the slave address
- Readdressing with checking
- The slave connection is short-circuit and overload proof
- Addressing or programming up to a maximum of 62 slaves (A/B slaves)
- Operation on the bus possible
- MODE key for switching between the different operating modes
- Optional optical interface
- Battery charger included with delivery

Accessories

VAZ-PK-1,5M-V1-G
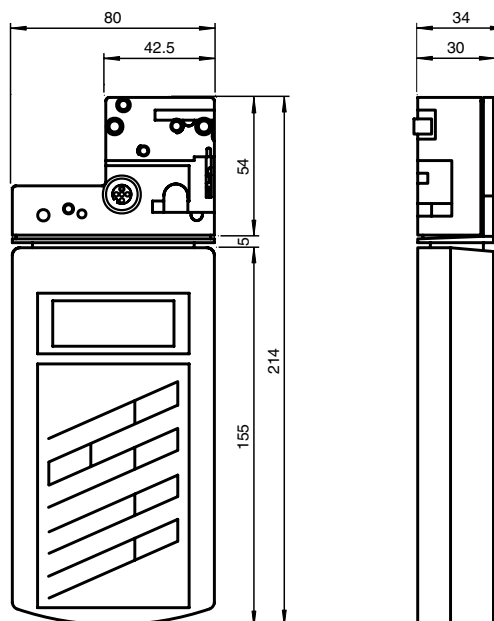Connection cable module/hand-held programming device
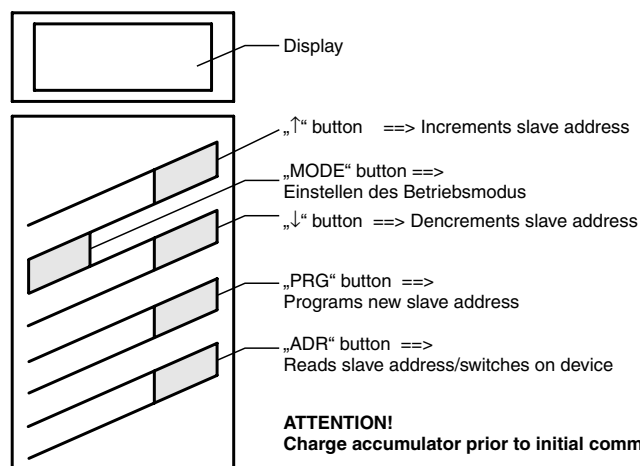
VAZ-9VDC-CHRG-115VAC
Power Supply

VAZ-9VDC-CHRG-230VAC
Power Supply

Indicating / Operating means

Display

„↑" button   ==> Increments slave address

„MODE" button ==>
Einstellen des Betriebsmodus

„↓" button ==> Dencrements slave address

„PRG" button ==>
Programs new slave address

„ADR" button ==>
Reads slave address/switches on device

ATTENTION!
Charge accumulator prior to initial commissioning.

Technical data

General specifications

Operating mode	plug-in charging unit, 230 V AC, included in the delivery package

Indicators/operating means

Display	LC display
Keyboard	membrane keys, 5 keys

Electrical specifications

Operating duration	8 h or ≥ 250 read/write procedures for fully charged battery
Power supply	battery mode, please use only battery charger included with delivery to charge (charging time about 14 h)

Interface

Interface type	AS-Interface, short-circuit proof and overload-proof, or optical

Ambient conditions

Ambient temperature	0 ... 40 °C (32 ... 104 °F)
Storage temperature	-20 ... 40 °C (-4 ... 104 °F)

Mechanical specifications

Protection degree	IP20
Mass	approx. 275 g

Compliance with standards and directives

Subject to modifications without notice
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Directive conformity	
Low Voltage Directive 2006/95/EC	EN 61558-1:2005 , EN 61558-2-6:1997
EMC Directive 2004/108/EC	EN 61326-1:2006 , EN 61000-6-4:2007
Standard conformity	
Noise immunity	EN 61326-1:2006
Emitted interference	EN 61000-6-4:2007
Protection degree	EN 60529:2000

Notes

The VBP-HH1 is a compact tool for address configuration of AS-Interface slaves (sensors, actuators and coupling modules).

The mechanical connection is accomplished by means of a universal adaptor connector. The following devices or types can be plugged-on without any difficulties:

- V1 plug connection (M12)
- VariKont-M system
- VariKont system
- FP design
- AS-Interface coupling module
  (Series... -G1, G4.)

The VAZ-PK-1,5M-V1-G programming cable is used as interconnecting cable for devices of the KF, KF2, G2, K2 and K3 series.

Display
The LCD display indicates the address, the mode or an error code.

Error signals:
F1: AS-Interface overload

F2: Slave not found

F3: Programming error

F4: Destination address busy

F5: Address of zero busy

F6: Found standard slave instead of extended slave

F7: Found extended slave instead of standard slave

F8: Reception error

LOBAT= **Load accumulator battery!**

After the first indication approx. 30 reading and addressing procedures are still possible. Load the accumulator battery using the battery charger .

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