



**Model Number**

**VAG-CAN-K5**

CANopen Gateway

**Features**

- AS-Interface certificate
- Two-digit LC display
- Protocol standard: CANopen
- Voltage supply from AS-Interface
- Programmable slave addresses
- Display of detected slaves
- Fault diagnosis

**Function**

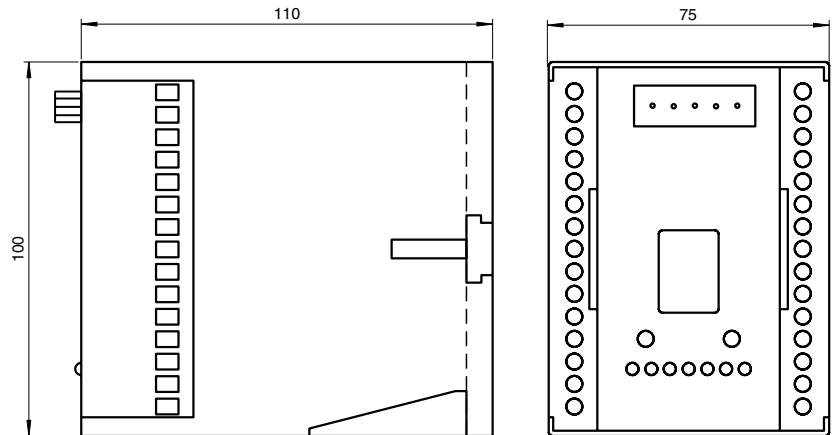
The VAG-CAN-K5 is a gateway to a CANopen network. The gateway acts as a 128 bit digital I/O module. All mandatory functions, as well as interrupts and 8 bit groups etc. are implemented. An emergency message can be activated in the case of an AS-Interface configuration error.

The AS-Interface master is connected to CANopen with a 5-pin CombiCon connector in accordance with the DeviceNet specifications. Self-opening device terminals for leads are available for all other connections.

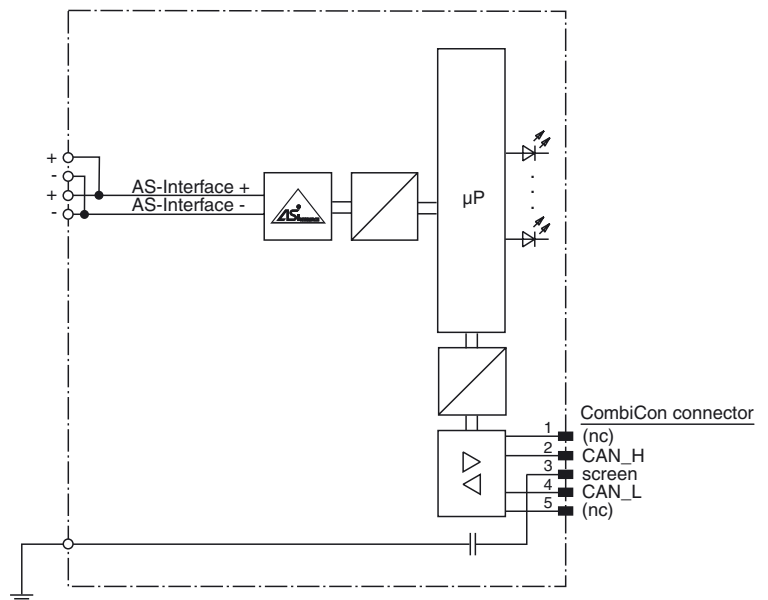
The push buttons are used for address assignment of the AS-Interface slaves and acceptance of the desired configuration. There are 7 LEDs on the front panel, showing the current status of the AS-Interface line.

Two push buttons are used for address assignment of the AS-Interface slaves and acceptance of the desired configuration. In configuration mode, all detected AS-Interface slaves are displayed on the 2-digit LCD. In normal operation, the LCD is blank unless the master detects a faulty AS-Interface slave. There are 7 LEDs on the front panel, showing the current status of the AS-Interface line.

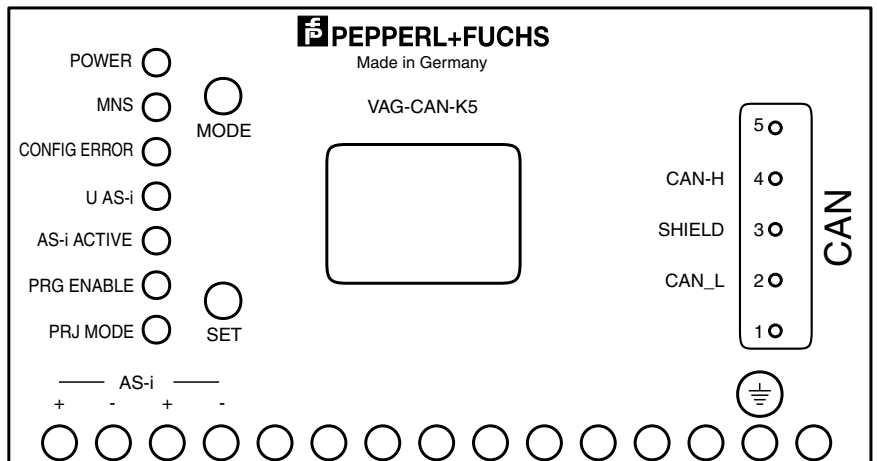
**Dimensions**



**Electrical connection**



**Indicating / Operating means**



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**Technical data****General specifications**

AS-Interface specification	V2.0
Diagnostics function	integrated

**Indicators/operating means**

Display	LC display, 2 digits, for addressing and error messages
LED AS-i ACTIVE	AS-Interface operation normal; LED green
LED CONFIG ERR	configuration error; LED red
LED PRG ENABLE	autom. programming; LED green
LED ENERGY	voltage ON; LED green
LED PRG MODE	projecting mode active; LED yellow
LED U AS-i	AS-Interface voltage; LED green
LED MNS	Module/net status; LED green/red
Switch SET	Selection and setting of a slave address
Button MODE	Mode selection/save configuration

**Electrical specifications**

Insulation voltage	$U_i$	$\geq 500$ V
Rated operational voltage	$U_e$	from AS-Interface
Rated operational current	$I_e$	$\leq 200$ mA

**Interface**

Protocol	CANopen
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**Connection**

AS-Interface	screw terminals
CAN	5-pin CombiCon connector

**Ambient conditions**

Ambient temperature	0 ... 55 °C (273 ... 328 K)
Storage temperature	-25 ... 85 °C (248 ... 358 K)

**Mechanical specifications**

Protection degree	IP20
Mass	420 g
Construction type	Low profile housing , plastic

**Compliance with standards and directives**

Standard conformity	
Protection degree	EN 60529

**Software**

No additional software is required.