





62

Model number

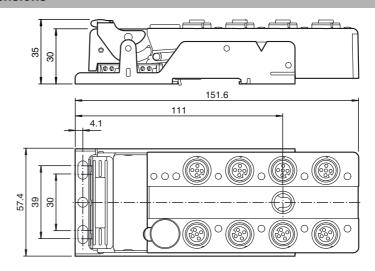
VBA-4E4E-G12-ZAJ

G12 flat module 2 x 4 inputs (PNP)

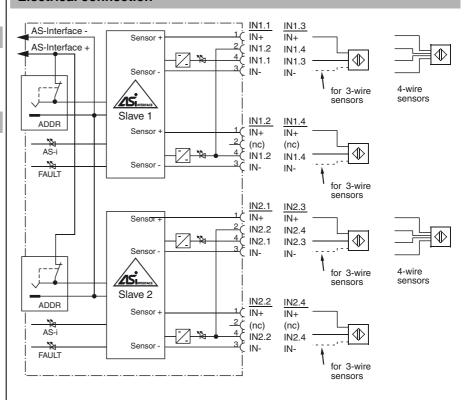
Features

- A/B slave with extended addressing possibility for up to 62 slaves
- One-piece housing with stainless steel base
- Installation without tools
- Metal threaded inserts with SPEED-CON technology
- Flat cable connection with cable piercing technique, variable flat cable guide
- Communication monitoring, configurable
- Inputs for 2-, 3-, and 4-wire sensors
- DIN rail mounting
- AS-Interface certificate
- Automatic addressing with latest masters in the event of replacement

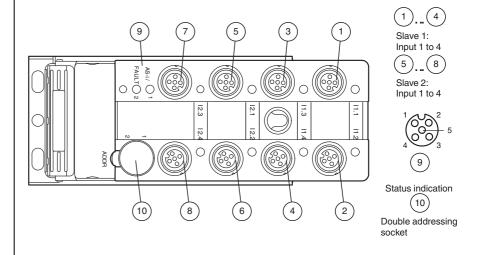
Dimensions



Electrical connection



Indicating / Operating means



Function

The VBA-4E4E-G12-ZAJ is an AS-Interface input module with 8 inputs. The input module is equipped with 2 separate AS-Interface chips and uses 2 A/B addresses. In the delivered state, both slave addresses use the address 0. The second slave is deactivated until the first slave is addressed. Duplicate addressing is avoided in this way. 2 and 3-wire sensors can also be connected as mechanical contacts to the PNP electronic inputs.

The one-piece enclosure makes fast mounting possible completely without the use of tools as well as easy removal also without the use of tools. The stainless steel half shell and cast enclosure ensure maximum durability and a high degree of protection.

Connection to the AS-Interface line is achieved through insulation-piercing technology into the laid flat cable. Accordingly, the flat cable can be turned in two directions for the application.

Metal inserts ensure that all connections to the inputs are made with a high degree of stability. The connections to the sensorsaremade via an M12 x 1 round plug connector with the option with SPEEDCON technology. The supply to the inputs and the connected sensors is fed from the internal supply of the

An LED, which is attached to the top of the module, is available to display the current switching state of every input.

module (from AS-Interface).

A dual LED to indicate the particular AS-Interface voltage and the display, which has the module address 0, is available, and another dual LED indicates errors in the relevant AS-Interface communication and peripheral errors. The input module has a dual addressing jack

This module can be mounted in any position with three screws or snapped onto a standard DIN rail with the stainless steel bracket.

Accessories

VBP-HH1-V3.0-KIT

AS-Interface Handheld with accessory

VA7-V1-B3

Blind plug for M12 sockets

VBP-HH1-V3.0

AS-Interface Handheld

VAZ-PK-1.5M-V1-G

Adapter cable module/hand-held programming device

PEPPERL+FUCHS

VAZ-CLIP-G12

lock for G12 module

Vibration resistance

Pollution degree **Mechanical specifications** $0.75~\text{mm}~10~\dots57~\text{Hz}$, $5~\text{g}~57~\dots150~\text{Hz}$, 20~cycles

Degree of protection	IP67
Connection	cable piercing method flat cable yellow inputs: M12 round connector
Material	
Housing	PBT
Mass	230 g
Tightening torque, cable gland	0.4 Nm
Mounting	Mounting plate

Notes

For 4-wire sensors, it is only possible to use plug-in slot IN1 or IN3 for inputs 1+2 or 3+4 (jumpered internally).

Do not connect inputs and outputs, which are supplied via the module from AS-interface or via auxiliary power, with power supply and signal circuits with external potentials.