







3.0

Model number

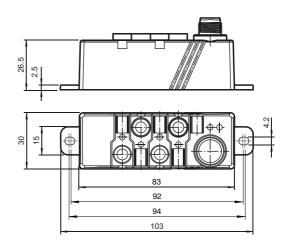
VBA-4E-G16-ZEJ

G16 compact module 4 inputs (PNP)

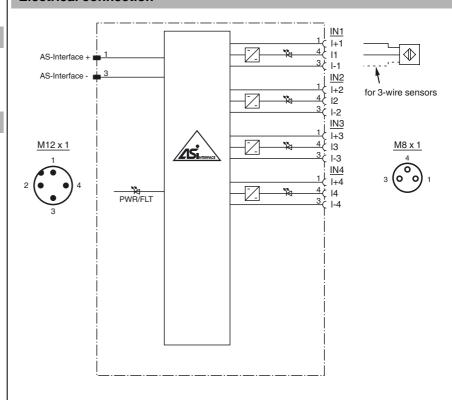
Features

- Compact design
- · Connections via round connector
- AS-Interface connection via M12 metal threaded insert with SPEEDCON
- Function display for bus and inputs
- Degree of protection IP67 / IP68 / IP69K
- Inputs for 2- and 3-wire sensors
- Supply for inputs from AS-Interface
- Communication monitoring
- Detection of overload on sensor supply

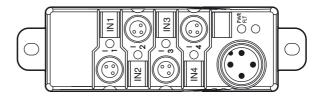
Dimensions



Electrical connection



Indicating / Operating means



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Function

The VBA-4E-G16-ZEJ is an AS-Interface compact module with 4 inputs. 2- and 3-wire sensors as well as mechanical contacts can be connected to the plus switching electronic inputs.

The particularly slim design with 30 mm is ideally suited for the common profile widths with simple sliding block mounting or screw fitting in narrow shafts. To guarantee the protection category the electronics is compoundfilled.

All module connections are implemented with metal inserts for high stability. The connection to the AS-Interface cable is achieved via a M12 x 1 circular connector with SPEEDCON quick locking option. The advantage of the plug-connection is that no separate base is required. For addressing a standard cable with M12 x 1 screw connections can also be used. The connections to the sensors are made via M8 x 1 screw connections.

The inputs and the connected sensors are supplied via the internal power supply of the module (from AS-Interface).

To indicate the current switching state there is an LED for each channel fitted to the top of

An LED to indicate the AS-Interface voltage, to monitor the AS-Interface communication, and to indicate that the module has an address of 0, is also available.

The module can be fitted in any position using two screws.

Accessories

VBP-HH1-V3.0-KIT

AS-Interface Handheld with accessory

VAZ-T1-FK-0,3M-PUR-V1-G

Splitter box AS-Interface to 1x M12 round connector

Female connector, M12, 4-pin, field attachable

VΔ7-V3-R

Blind plug for M8 sockets

VBP-HH1-V3.0

AS-Interface Handheld

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Vibration resistance

Pollution degree **Mechanical specifications** 0.75 mm 10 ... 57 Hz , 5 g 57 ... 150 Hz, 20 cycles

Degree of protection	IP67 / IP68 / IP69k
Connection	AS-Interface: M12 x 1 quick disconnect actuators: M8 x 1 quick disconnect
Material	
Housing	PBT
Mass	100 g
Tightening torque, cable gland	0.4 Nm (M12 connector), 0.2 Nm (M8 connector)
Mounting	screw mounting

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