

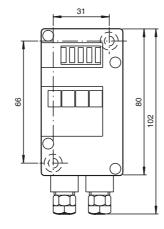


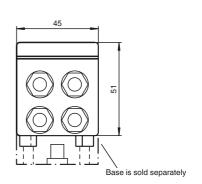




Electrical connection

Dimensions





Model number

VAA-4E-G4-ZE

G4 module IP67 4 inputs (PNP)

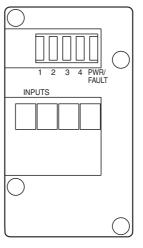
Features

- Protection degree IP67
- Flat or round cable connection (via standardized EMS base, not included with delivery)
- Cable piercing method for flat cable
- Inputs for 2- and 3-wire sensors
- Power supply of inputs from the module
- Function display for bus and inputs
- LED indicator for overload on sensor supply

AS-Interface + AS-Interface AS-Interface IN1 1.1 | 1+1 1.2 | 11 1.3 | 1-1 | IN2 2.1 | 1+2 2.2 | 12 2.3 | 1-2 3.2 | 13 3.3 | 1-3 | IN4 4.1 | 1+4 4.2 | 14 4.4 | 1-4



Indicating / Operating means



Notes

Input

Standard conformity Noise immunity

Emitted interference

Protection degree Fieldbus standard

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.

EN 61000-6-4:2007

EN 61131-2:2007

EN 60529:2000

EN 61000-6-2:2005, EN 50295:1999

EN 50295:1999 IEC 62026-2:2006

Function

The VAA-4E-G4-ZE AS-Interface coupling module is a G4 module with 4 inputs. Mechanical contacts and 2- and 3-wire sensors can be connected to the inputs. The sensors are supplied via the module.

The IP67 rated G4 module is especially suitable for rough conditions. Sensors attach to cable glands and cage tension spring terminals thus making the installation especially user-friendly. For pre-addressing the module it can be plugged directly onto the adapter of hand-held programming device VBP-HH1

The current switching state of each channel is indicated by an LED, located on the module's top side.

Both flat and round cables can be used for the connection of the AS-Interface transmission line. Use the U-G1F base or the U-G1FF base for the AS-Interface flat cable. The AS-Interface cable is connected using the cable piercing method. The U-G1F base can also be used as IP67 AS-Interface distribution box. The U-G1FF base should be used, when modules with outputs are mounted in series with the module. The flat cable for external power supply can be placed in this base. The module does not access the supply line.

Use the U-G1P or the U-G1PP base for a round cable. These bases have the same functionality as the U-G1F or the U-G1FF bases.

Note:

An overloading of the sensor supply, e.g. short-circuit is signalled by a red/green flashing LED "PWR/FAULT" and reported to the AS-Interface master via the "Peripheral fault" function. Communication via the AS-Interface remains intact.

Accessories

VBP-HH1-V3.0-KIT

AS-Interface Handheld with accessory

VBP-HH1-V3.0

AS-Interface Handheld

VAZ-G4-B

Blind plug PG7

VAZ-G4-B1

Blind plug M12

Matching system components

AS-Interface module mounting base for connection to flat cable (AS-Interface)

AS-Interface module mounting base with adressing jack for connection to flat cable (AS-Interface)

AS-Interface module mounting base for connection to round cable (AS-Interface)

PEPPERL+FUCHS