

## INTERFACE



USB 3100 N



USB 5200



GRS 3100



GRS 3105



USB Adapter

**USB 3100 N**

Art. no. 601092

Interface converter GMH 3xxx  $\Leftrightarrow$  PC, for electrically isolated connection of a GMH 3xxx to the USB-interface of your PC. (Converter supplying from PC interface)

**USB 5100**

Art. no. 601095

Interface converter GMH 5xxx  $\Leftrightarrow$  PC, for electrically isolated connection of a GMH 5xxx to the USB-interface of your PCs. (Converter supplying from PC interface)

**USB 5200**

Art. no. 607177

USB level converter for GMH 5000 Handheld Instruments (such as USB 5100). With additional analog output, can be set on the device.

**GRS 3100**

Art. no. 601097

Interface converter GMH 3xxx  $\Leftrightarrow$  PC for electrically isolated connection of a GMH 3xxx to the RS232-interface.

**GRS 3105**

Art. no. 601099

5-point interface converter GMH 3xxx  $\Leftrightarrow$  PC, connection of 5 GMH 3xxx to the RS232-interface of your PC. (Converter supply achieved via permanently connected power supply) Device delivered with 9-pin Dsub extension cable and 5 connection cables VEKA3105.

**VEKA 3105**

Art. no. 601103

Spare connection cable, 2 m, GMH 3xxx  $\Leftrightarrow$  GRS 3105

**GSA 25S-9B**

Art. no. 601105

Connection adapter (25-pin Dsub-adapter  $\Leftrightarrow$  9-pin Dsub-socket)

**GSA 9S-25B**

Art. no. 601107

Connection adapter (9-pin Dsub-adapter  $\Leftrightarrow$  25-pin Dsub-socket)

**USB-Adapter**

Art. no. 601109

for connection of a RS232-interface converter to the USB-interface

## SWITCHING MODULES



GAM 3000

**GAM 3000**

Art. no. 601132

Switching module for the GMH 3xxx-series with alarm

**General:**

The GAM 3000 is an alarm or control output for the devices of the GMH 3xxx-series with alarm output function. The GAM 3000 is controlled via the serial interface of the GMH 3xxx. The setting of the alarm/switching limits are carried out the GMH 3xxx as usual.

You can choose between 2 different switching modes:

- **Alarm output:** Relay switches when the measuring value is no longer within the min / max alarm limit values or an error state occurs at the set channel.
- **Control output:** In this case the min / max values are not used as alarm points but as on/off switching points. In case of an error state the relay switches in its preferred state "off".

The desired switching function can be selected via an externally accessible miniature switch.

**Specifications:**

<b>Power supply:</b>	220 / 240 V, 50 / 60 Hz
<b>Switching output:</b>	controlled power socket, selector switch to choose switching state normally-open or normally-closed
<b>Switching power:</b>	10 A (ohmic load)
<b>GMH-connection:</b>	Interface connection and voltage supply are each connected with cable that is 1 m long which is permanently connected to the GAM 3000.
<b>Dimensions:</b>	(controller) 112 x 71 x 48 mm (L x B x T)

## POWER SUPPLY

**GB-AA**

Art. no. 610049

Spare battery Mignon (AA) 1.5 V

**GB 9 V**

Art. no. 601115

Spare battery 9 V, type IEC 6F22

**GAK 9 V**

Art. no. 601118

NiMH accu 9 V

**AAA-AKKU**

Art. no. 601121

AAA accu, 1.2 V, 2 pieces, NiMH accu

**GNG 10**

Art. no. 600272

Plug-in power supply (220 / 240 V, 50 / 60 Hz), output voltage: 10.5 V / 10 mA, suitable for devices with 2.5 mm jack connector (e.g. for devices of the series GDH ...)

**GNG 5 / 5000**

Art. no. 602287

Plug-in power supply (220 / 240 V, 50 / 60 Hz), output voltage: 5 V DC, suitable for devices with BNC (e.g. for devices of the series GMH5xxx)

**GNG 10 / 3000**

Art. no. 600273

Plug-in power supply (220 / 240 V, 50 / 60 Hz), output voltage: 10.5 V / 10 mA, suitable for devices with power supply socket (e.g. for devices of the series GMH3xxx)

## PLUG AND CABLE

**MINIDIN 4S**

Art. no. 601111

Mini-DIN plug, 4-pin, with lock and for self installation

**AAG2M**

Art. no. 601112

2 m analog output cable for GMH3xxx-series, 2 x banana plug and 3.5 mm jack connector

**AAG 5000**

Art. no. 603871

Cable for analog output, with cable length 1 m, connectors: 1 x bayonet socket LTW 4-pole, 1 x loose ends, with ferrules  
Application: GMH 5xxx.