



Technical Note

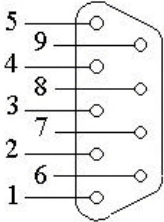
RE: Upgrade of the SYSTEC/PHYTEC USB-CANmodul from Version GW-001 to GW-002

Dear customer,

Effective October 01, 2002 SYSTEC/PHYTEC has introduced a new version of the USB-CANmodul, the GW-002. Consequently, the version GW-001 will no longer be available for purchase. This technical note is to inform you as a GW-001 customer about the changes in the USB-CANmodul hardware. The GW-001 and GW-002 are functionally 100% compatible. The software (drivers and dll's) accompanying the USB-CANmodul will not change. All software developed for the GW-001 will still function on the new GW-002 device.

Differences between GW-001 and GW-002

Characteristic	GW-001	GW-002
Image		
Housing Dimensions	120 x 60 x 30 [mm]	102 x 54 x 30 [mm]
Optical Isolation of CAN Signals	default: no optional: can be configured via two insertable jumpers inside the device, supply for opto-couplers and CAN transceiver via CAN bus through DC/DC converter	Model GW-002 : no Model GW-002-100 : additional DC/DC converter takes supply voltage from USB and generates galvanic decoupled supply for opto-couplers and CAN transceiver

Characteristic	GW-001	GW-002
Supported CAN Transceivers	standard: Philips 82C251	standard: Philips 82C251 alternative: Philips TJA1054 (low-speed) Philips TJA1041 (high-speed) Philips AU5790 (single wire)
Pin Layout DB-9 Connector for CAN 	Pin 5: N/C Pin 9: VCC (+7 to 13 VDC) Pin 4: N/C Pin 8: N/C Pin 3: GND Pin 7: CAN-H Pin 2: CAN-L Pin 6: GND Pin 1: N/C	Pin 5: CAN shield Pin 9: VCC (+7 to +30 VDC) Pin 4: N/C Pin 8: N/C Pin 3: GND Pin 7: CAN-H Pin 2: CAN-L Pin 6: GND Pin 1: N/C
Voltage on DB-9 Pin 9, CAN_VCC	+7....+13 VDC only relevant if optical isolation and supply via CAN is used	+7....+30 VDC only relevant if low-speed transceiver and additional supply via CAN is used
Price/Unit	US \$ 225.00	GW-002: US \$ 219.00* GW-002-100: US \$ 225.00* GW-002-xxx: Call!**

Note: * Prices are single unit prices and valid until 12/31/02.
** Optional configurations available for alternative CAN transceivers. Minimum order quantity (MOQ) 25 units.

For additional information please contact us.

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Regards,

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