



AMKASYN
USB – RS232 Interface Cable
AMK part-no. O748

Version: 2008/11
Part-No.: 200765

AMK

Function

The USB-RS232 Interface Cable interlinks the serial interface of the AMK KU- / KW-device mit the USB interface of a PC. The connection is used for parameter setting and startup drive system with the AMK PC software AIPEx (AMK part-no.:46600), for programming with the PC-software CoDeSys (AMK part-no.: 46430) and can be used to download a new firmware with the AMK PC-software Tool –Flasher ATF-1/-2 (AMK part-no.: O732 and O733).

The serial interface is located on the front of the AMK controller card of the drive systems.

To connect the interface cable with a AMKAMAC controller AS-PLx, a „Gender Changer“ is required (part of theAIPEx software AMK part-no.: 46600)



To use the AMK software AIPAR or APROS COM1 or COM2 must be used. To change COM port with Windows buttons Start – settings – System settings – system – hardware – device manager – connection – USB serial port – right hand mouse key „properties“ – port settings – advanced – COM port no.

Installation

Insert the enclosed CD into the CD device of the computer. Open the folder of your language. Choose and open the folder „driver“ and start the file „ftdiunin.exe“. Follow the steps of the software.

Next plug in the USB connector of the cable in the USB port of the PC. Follow the steps of the assistant software from windows.

The *.pdf files in the folder „manual“ gives you more information to the product.

Technical Data

Baud rate:	300..115.200 baud
Data bit:	7 or 8
Stop bit:	1 or 2
Parity:	no, even, odd, mark, space
Supported signals:	RxD, TxD, RTS, CTS, DSR, DCD, DTR, RI
Electrical isolation:	none
ESD rating:	up to15kV per IEC 801-2, level 4
Supply voltage:	5V DC via USB
Operating current draw:	approx.. 60mA
USB connector	2m cable with USB type A plug
RS232-Anschluss:	9-pin SUB-D plug with DTE pinout
Ambient temperature:	Storage: -40..+70°C Operating: 0..+60°C
Housing / Dimensions:	9-pin plastic SUB-D housing,
Weight:	150g
Included:	USB <> RS232 Interface Cable

Wiring configuration

The USB connection is implemented as a USB Type A male connector with 2m of cable, and the RS232 connection as a DB9 DTE male connector. The pin assignment for the connector can be found in the following table:

RS232 port:

Pin	Function	Direction
1	DCD	input
2	RxD	input
3	TxD	output
4	DTR	output
5	GND	GND
6	DSR	input
7	RTS	output
8	CTS	input
9	RI	input

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