



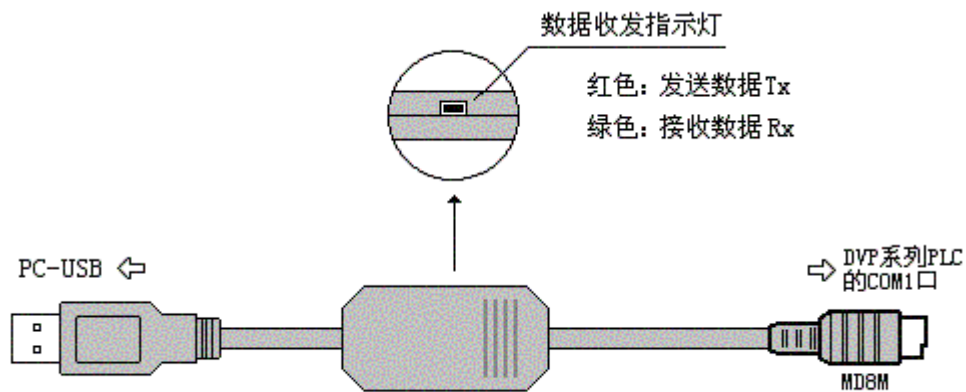
User's Guide for USBACAB230 Programming Cable

Summary:

USBACAB230 is the programming cable in which USB interface provided both the serial connection and RS232 signal conversion. Under the control of computer-driven driver, the programming cable makes it possible for the computer's USB interface to simulate the traditional serial (known as COM interface), thus various existing programming software such as communications software, monitoring software and other applications can be normally used. The working power supply of this cable is directly from the USB port, but not the PLC programming interface. The two-color LED on the converter box indicates data's transceiving status.

USBACAB230 programming cable is applicable to Delta DVP series PLC, connect the PLC by COM1 ports.

Outline configuration:



Features and technological index:

- Support USBACAB230 operating system: Windows2000/XP (WinNT4/95/98/Me/DOS not included)
- support USBACAB230 programming software version: WPLSoft V2.03 and above
- fully compatible with USB 2.0 standard
- USB bus-powered, the current consumption of about 50 mA
- baud rate: 300 bps ~ 1Mbps automatically adapt to the standard baud rate
- support UART data format: data bits: 7-8, stop bit: 1, 2, check-bit: odd / even / no parity
- each PC only supports a USB cable programming
- temperature: -20 ~ +75 °C
- Cable length: three meters, colors: black

Usage:

USB device drivers should be installed before using USBACAB230 programming cable, which are available on the CD-ROM sold together with the cable. And for the specific installation steps, please refer to the instruction files on the CD-ROM drivers, and details are not necessarily listed here.

After completing Driver installation, the corresponding COM port for the USBACAB230 programming cable will be displayed in the “Device Manager” of Window. The step next is just to choose this COM port in the programming software and other application software and keep other communication parameters as in the Default settings. And the following steps are exactly the same as in the traditional programming cables with RS232 interfaces.

Long-distance communications:

USBACAB230 programming cable does not support long-distance communications. For long-distance communications, RS232 interface of the PLC should be converted into the RS485 interface(model: FS-485G, products of FOURSTAR as well),and the computer have to install a USB to RS485 converter (model: U-485G, products of FOURSTAR as well).Communication range is up to two kilometers (9600 bps).

Please Note: USB interface cable cannot be extended.