



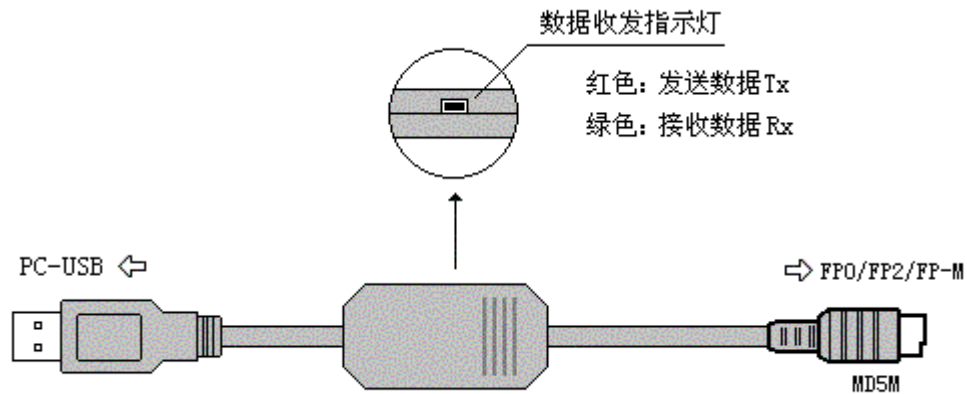
User's Guide for USB8513 Programming Cable

Summary:

USB8513 is the programming cable 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.

USB8513 programming cable is applicable to FP0, FP2, FPe and FP-M series of Panasonic Electrical PLC and the GT01, GT30, GT11 series of touch-screen.

Outline configuration:



Features and technological index:

- Support USB8513 operating system: Windows2000/XP (WinNT4/95/98/Me/DOS not included)
- support USB8513 programming software version: FPSOFT V1.1 and above
- fully compatible with USB V1.1 norms and USB CDC V1.1
- USB bus-powered, with 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 USB8513 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 USB8513 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:

USB8513 programming cable does not support long-distance communications. For long-distance communications, C-NET RS485 adapter can be chosen (model: FS15402, products of FOURSTAR as well).

Please Note: USB interface cable cannot be extended.