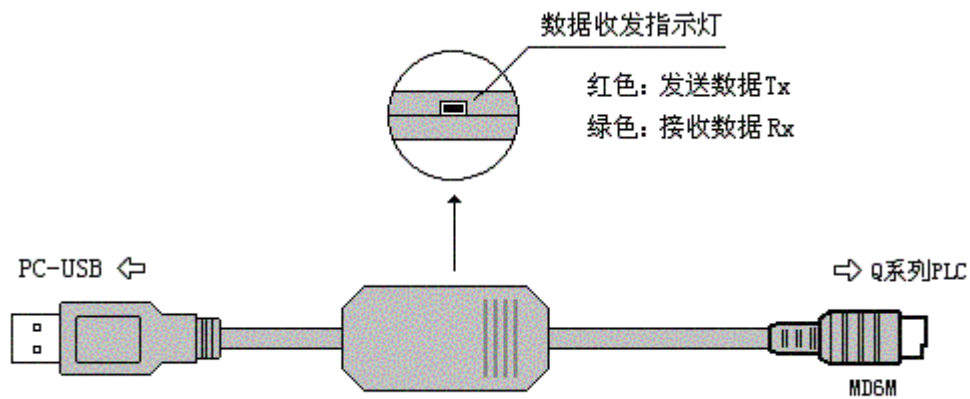**User's Guide for USB-QC30R2 Programming Cable**

Summary:

USB-QC30R2 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.

USB-QC30R2 is applicable to Mitsubishi Q series PLC (Q mode)

Outline configuration:

数据收发指示灯

红色：发送数据 Tx

绿色：接收数据 Rx

PC-USB ⇐

⇒ Q系列PLC

MD6M

Features and technological index:

● Support USB-QC30R2 operating system: Windows2000/XP (WinNT4/95/98/Me/DOS not included)

● Support USB-QC30R2 programming software version: GPP V4.0, GX Developer V7.0 and above

● Fully compatible with USB 2.0 standard

● USB-bus powered, with current consumption of 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 one USB cable programming

● Working temperature: -20 ~ +75 ℃

● Cable length: 3 m; Color: black

Usage:

USB device drivers should be installed before using USB-QC30R2programming 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 USB-QC30R2 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:

USB-QC30R2 programming cable does not support long-distance communications. For long-distance communications, RS232 long-term drive can be chosen, (8-wire system, model: SC-232E, products of FOURSTAR as well).

Please Note: USB interface cable cannot be extended.