



APPLICATION NOTE

This information provided by Automationdirect.com Technical Support Team is provided "as is" without a guarantee of any kind. This document is provided to offer assistance in using our products. We do not guarantee that the contents are suitable for your particular application, nor do we assume any responsibility for applying the contents to your application.

Products: SOLO Temperature Controllers

Subject: Connecting SOLO Temperature Controllers to PC Serial and USB Ports

Number: AN-LC-010

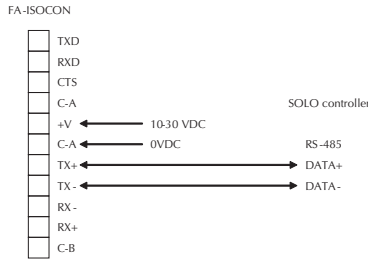
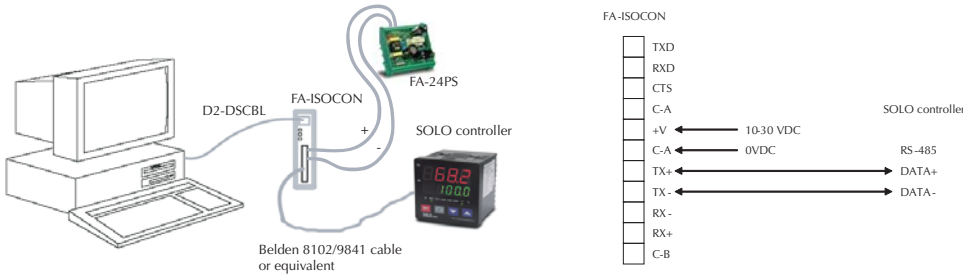
Date Issued: 6/10/10

Revision: Original

Connecting to a PC Serial Port Using an FA-ISOCON Converter

You will need the following components from AutomationDirect.

- FA-ISOCON (RS-232 to RS-422/485 converter)
- D2-DSCBL (Communication cable)
- FA-24PS (Power Supply) or equivalent.



Dip Switch Settings		Dip Switch Settings	
Terminate	Off	N.C.	On
5V Bias	Off	S27	Off
0V Bias	Off	S26	Off
1/2 DPX	On	S25	Off
1/2 DPX	On	S24	Off
N.C.	Off	S23	Off
N.C.	Off	S22	Off
N.C.	Off	S21	On



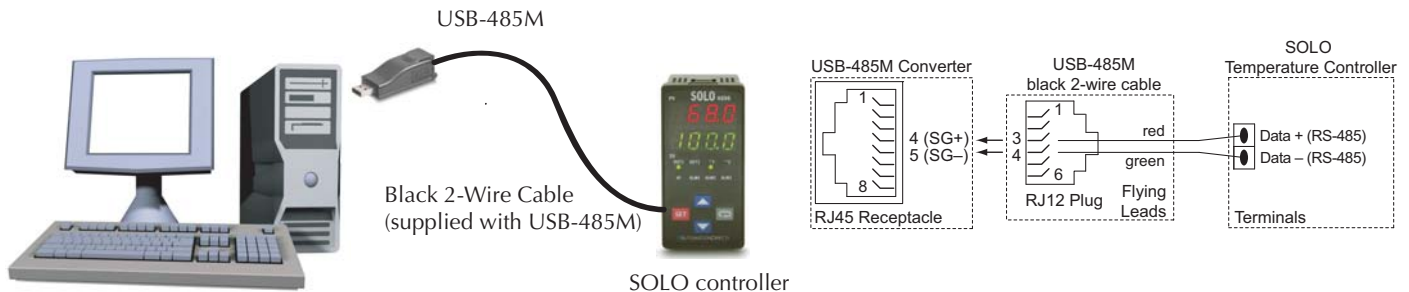
Note: In the configuration shown above, if the PC serial port is not available but a USB port is available, use the **USB-RS232 (USB to RS232 converter cable)** between the PC and the D2-DSCBL.

Connecting to a PC USB Port

You will need the following component from AutomationDirect.

- USB-485M (USB to RS-485 communication adapter)

Use the supplied black 2-wire cable to connect the USB adapter to the SOLO controller. Plug the adapter into one of the PC's USB ports.



Technical Assistance

If you have any questions regarding this Application Note, please contact Technical Support at 770-844-4200.

