



133-786
January 11, 2021

USB COMMUNICATION ADAPTER, BurnerPRO

DESCRIPTION

The 60-2998 is an adapter that converts the RJ45 Modbus port on the BurnerPRO into terminal blocks for field use. The 60-2998 is shipped with a small slotted screwdriver. Each terminal can connect to (1) 24AWG or smaller wire.

The 60-3000 is a USB to RS-485 serial port adapter with flying leads. This cable also provides the 5V necessary for the BurnerPRO to enter the parameterization mode for use with *Config Wizard for BurnerPRO* software.



60-2998

DEVICE DRIVER

Device drivers need to be loaded for the 60-3000 to be used with *Config Wizard for BurnerPRO* software. This software and the drivers require Windows 7 or newer. Download and run the executable file linked below.

Link (external): https://www.ftdichip.com/Drivers/CDM/CDM21228_Setup.zip



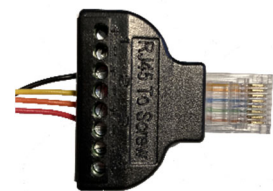
60-3000

WIRING 60-3000 to 60-2998

Wire using the following chart:

60-3000 Wire Color	60-2998 Terminal	Function
Red	3 -	5VDC power
Orange	3 +	Modbus A(+)
Yellow	2 -	Modbus B(-)
Black	2 +	0V ground
Brown	3 + *	120-ohm resistor
Green	2 - *	120-ohm resistor

* may be required if there are communication issues



Completed Wiring

IDENTIFY SERIAL PORT

Once the drivers are loaded, open Device Manager to determine which serial port has been assigned to the 60-3000. If there is any ambiguity, remove and replace the 60-3000 – the serial port should disappear when removed and reappear once reinserted.

CONNECT TO BurnerPRO

Plug the 60-2998 into the BurnerPRO and apply line power. The Smart LEDs should be alternating in a pattern toward the center LED to indicate that a programming cable is connected. The BurnerPRO will remain in standby while this is occurring.

Start the Config Wizard for BurnerPRO software and choose the serial port identified. The software should automatically discover the connected BurnerPRO and then guide through the customizable settings.

Once programming is complete, remove the 60-2998 from the BurnerPRO, then press the reset button to exit programming mode. The BurnerPRO can then respond to a call for heat.