STOP

DO YOU HAVE EVERYTHING YOU NEED TO INSTALL AN FCS DIGITAL NETWORK?

Are you using the correct wire?

Recommended: 4 conductor, 16 AWG stranded, shielded wire (Belden 5202FE 008500 or equivalent). DO NOT USE SOLID CORE WIRE

Do you need additional power supplies?

The FCS supplies 65 watts of power to the network. The remote power supply, RPS-24VDC, supplies 65 watts of additional power.

Each Single Device	Power Consumption
LPT-P or LPT-M with internal sensor(s)	1 watt
LPT-P or LPT-M with an ESH-A remote sensor	3 watts
RLY-4 Remote Relay (4 relays)	3 watt
RLY-8 Remote Relay (8 relays)	6 watt
LNK-AI (not including the analog devices it is connected to)	1 watt

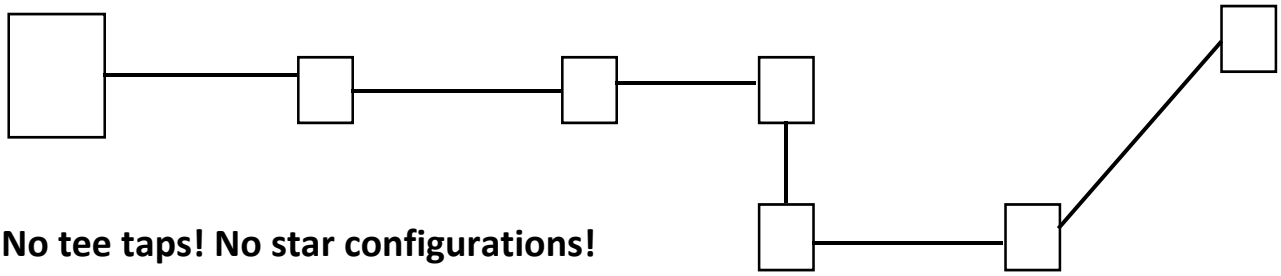
Each Single Device	Power Consumption
LNK-AO	3 watts
CXT Explosion Proof	6 watts
ART Infrared	4 watts
LPT-A (with internal electrochemical sensor)	1 watts
LPT-A (with internal solid state or catalytic sensor)	3 watts

Do you need an LNK-XT Network Extender?

Is the overall length of wiring more than 609 m / 2,000 ft? Or is the area electronically noisy? If so, you will need an LNK-XT Network Extender to extend the range of the Modbus® RS-485 network.

IS THE LAYOUT FOR THE NETWORK CORRECT?

An **RS-485 daisy chain configuration** is required to connect the FCS to the digital devices. From one digital device to the next digital device, **A goes to A; B goes to B; GND goes to GND; 24V goes to 24V**.



No tee taps! No star configurations!

IF YOUR ORDER HAS MORE THAN ONE CONTROLLER DO NOT MIX UP THE TRANSMITTERS AND OTHER DIGITAL DEVICES THAT BELONG TO EACH CONTROLLER. Each digital device has a Modbus ID number and has been factory configured to operate with a specific Controller. It is recommended to install the digital transmitters in their Modbus ID sequence from the first sequenced transmitter (normally Modbus ID 101) closest to the Controller it belongs with.

AN END OF LINE JUMPER MUST BE INSTALLED AT BOTH ENDS OF THE NETWORK

If you have questions, call NOW, it will save you time!
CETCI Service Department 604.940.8741 or Toll Free at 1877.940.8741

Before leaving our facility, every CETCI gas detection system is configured, wired together and tested to ensure all devices work together properly. All sensors are calibrated. Sensors do not need to be re-calibrated following installation. **Allow 24 to 48 hours after equipment has been installed and powered up for the sensors to stabilize and produce accurate readings.** *If you take it upon yourself to make any adjustments to the equipment or calibrate the sensors because of perceived problems directly after power up and as a result create issues with the equipment, these are not considered "warranty" issues and this type of service is not considered "Start-up". This type of service is "Network" service and is a billable service by CETCI Service Department to rectify the problem.*