

## Troubleshooting

If you have problems mounting, wiring, or addressing the I/O Flex Ex8160, contact OEMCtrl Technical Support.

### Expander LED's

The LED's indicate if the controller is speaking to the devices on the network. The LED's should reflect communication traffic based on the baud rate set. The higher the baud rate the more solid the LED's become.

LEDs	Status
<b>Power</b>	Lights when power is being supplied to the expander.  <b>NOTE</b> The I/O Flex Ex8160 is protected by internal solid state Polyswitches on the incoming power and network connections. These Polyswitches are not replaceable and will reset themselves if the condition that caused the fault returns to normal.
<b>Rx</b>	Lights when the expander receives data from the network segment; there is an Rx LED for Ports 1 and 2.
<b>Tx</b>	Lights when the expander transmits data from the network segment; there is an Rx LED for Ports 1 and 2.
<b>Run</b>	Lights based on expander health. See table below.
<b>Error</b>	Lights based on expander health. See table below.

The **Run** and **Error** LED's indicate expander and network status.

If Run LED shows...	And Error LED shows...	Status is..
2 flashes per second	Off	Normal
5 flashes per second	2 flashes per second	Boot is running or driver is updating
5 flashes per second	On	Fatal error. Replace expander or return for repair.

### Serial number

If you need the I/O Flex Ex8160's serial number when troubleshooting, the number is on:

- a sticker on the back of the main controller board
- a Module Status report (modstat) from the WebCTRL for OEMs application