Title:	CPU does not Switch CO2 on	ID:
		0329

Date in:	Response:	Model:	Author:
2008-05-21	*2008-05-21*	*STX500*	*CMa*

Q:

We've just finished installing the STX 520 (SNo 3553) and have a small problem with the CO2
The display is reading 0.02 – 0.05 with a CO2 set point of 5%

Rob has confirmed that the CO2 sensor is responding to CO2 levels.
The main gas valve in the bottom of the incubator is not switching the gas on.
We can remove the upper relay from the CO2 gas monitor module and short the contacts on the relay base and get the gas valve to switch so the output side of the circuit is OK, CO2 flows into the cabinet and the main display responds.

It looks to me like the CPU is not telling the CO2 gas valve to open.

Any ideas ?

A:

1 Please be aware that CO2 entries are in 1/100 of 1%. So 5% = 500
2 Maybe the CO2 is timed out (RD 1504 -> 1), You may reset the time-out by RS 1504 or do a power cycle.