

## RCC01 connections.

The RCC01 9 way connector is configured as a 9 way RS232 port DCE.  
RTS is internally linked to CTS. DTR,DCD and DSR are also internally linked.

The RCC01 25 way connector is configured as follows

- 1 to 8 – Outputs 1 to 8 respectively. Each output is an open collector able to sink up to 500mA. For further details of the outputs consult the ULN2803 datasheet  
The user should take special note that whilst a single output may sink 500mA and dissipate up to 1 Watt all 8 outputs together must not dissipate more than 2.25 watts. Use of external snubber diodes is recommended when driving inductive loads such as relay coils.
- 9 to 13 – Inputs 8 to 4 respectively. Inputs are TTL to be activated they must be driven below 0.2v to guarantee operation, inputs are diode protected up to 50V but must not be driven below 0V. Inputs will source up to 25uA due to internal pull-ups.
- 14 + 15 - Positive supply voltage, a clean stable DC voltage of 7 to 15v at up to 75mA should be provided. Pins 14 and 15 are internally linked.
- 16 to 22 – Ground. Supply ground should be connected to one of these points all 7 points are internally linked.
- 22 to 25 – Inputs 1 to 3 respectively. See pins 9 to 13 above for detail.