

# QTP 0 4

## Firmware Rel. 3.xx

### PRELIMINARY

The **QTP 0 4** is an evolution, greatly improved the **Operator Panel**, or **Serial Display** named **QTP 0 3** type.

This Serial Display maintains software compatibility so that, users of **QT 03**, can replace it without having to change the applications.

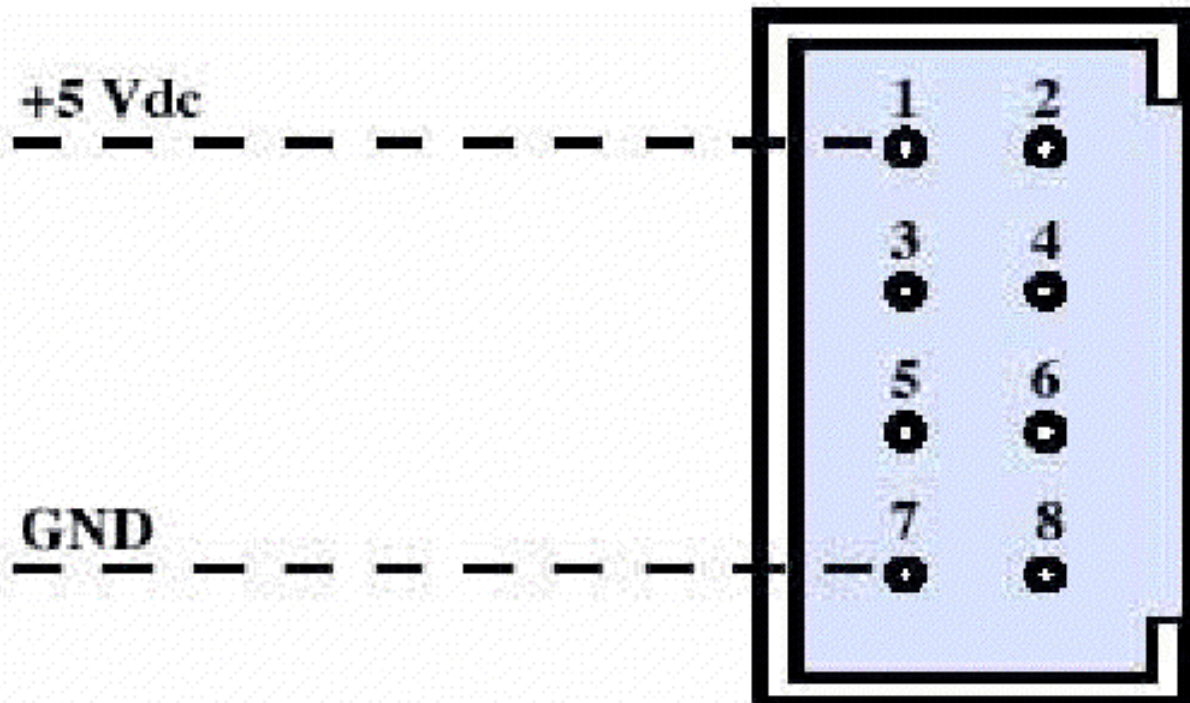
The only difference that should be reported is referred to the **8 pin AMP MODU II** connector that, as power, must use the **pin 1** for **+5 Vdc** and **pin 7** for **GND**.

For all other information, please refer to the manual of **QTP 0 3**.

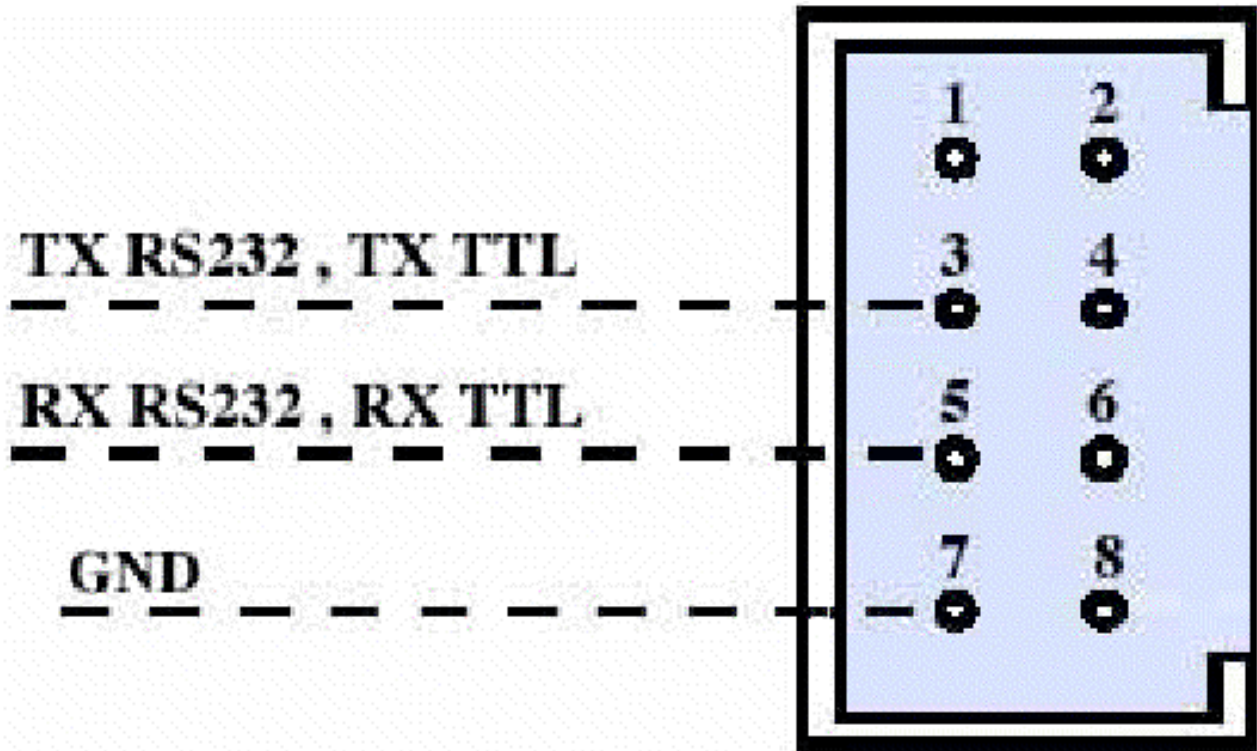
Future versions of the firmware management, and currently following the version **Rel 3.xx**, additional features of **QTP 0 4** will be implemented, so as expansion of the displays managed; **A/D Converter** lines;

Lines **Counter/Timer**, additional **Serial EEPROM**; **Analog Keyboard**; Management etc.

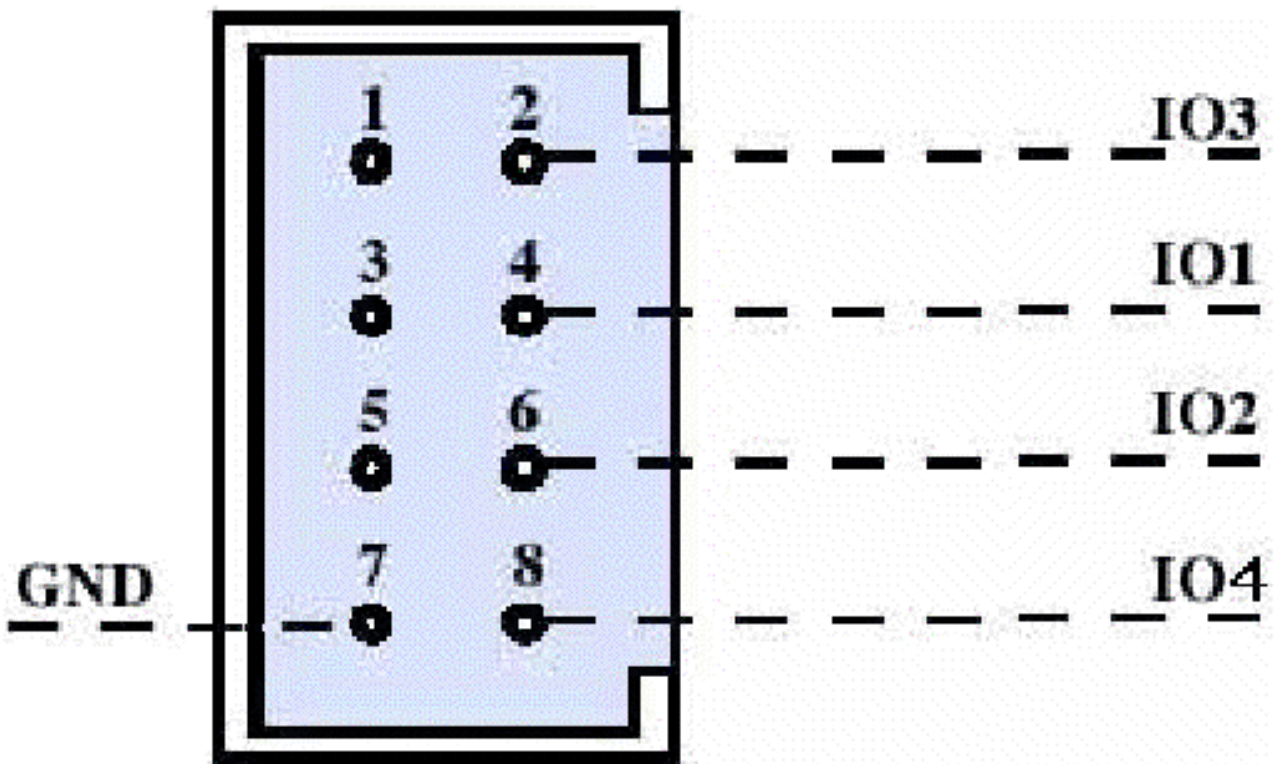
Here under pin out of **8 pins** connector.



*AMP MODU II - 8 pins Connector. Supply +5Vdc.*

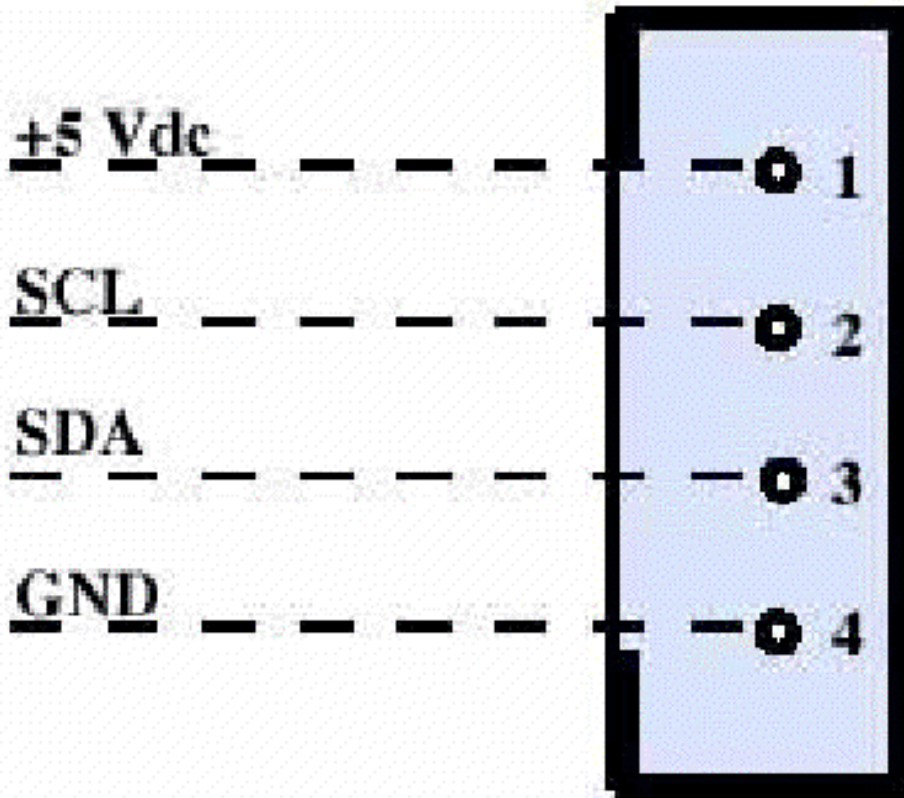


*AMP MODU II - 8 pins Connector. Serial Communication..*



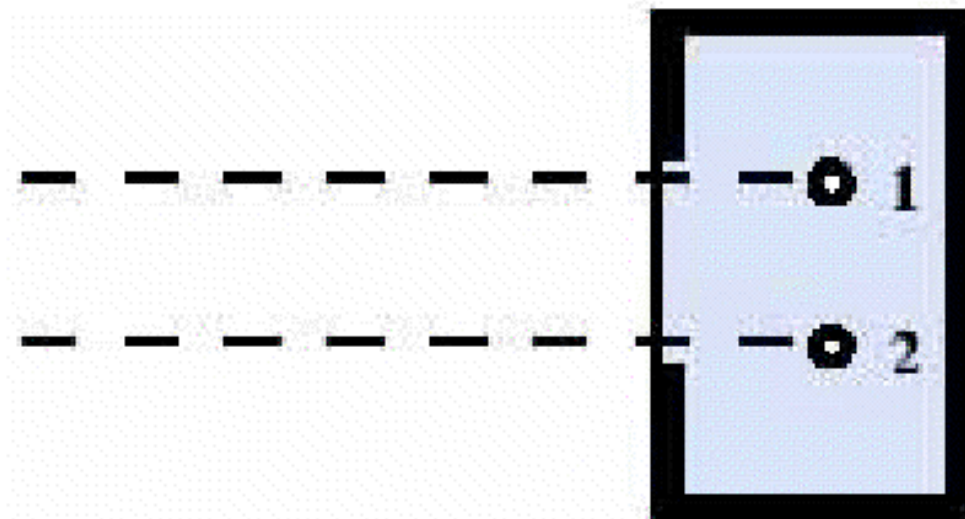
*AMP MODU II - 8 pins Connector. Keys or Digital I/O Available.*

### ***I2C BUS Connection***



***AMP MODU II - 4 pins Connector. I2C BUS Connection..***

### ***Power AC or DC.***



***AMP MODU II - 2 pins Connector. Power DC or AC.***