

2.5. REMOTE PORT

TTL compatible interface for operation with various peripherals including foot switch, remote controller and monitor output.

9-pin male D-type connector.

Pin	Signal name	Pin	Signal name
1	o/p BEEP	6	o/p !BUSY / Bin0
2	o/p !PASS / Bin1	7	0V
3	i/p !RUN	8	0V
4	o/p !FAIL / BinStrb	9	i/p !STOP
5	+5V		

Signals with a name starting with ! are active Lo.

!RUN Input (Pin 3)

The !RUN input is an active Lo input with an internal pull-up resistor.

In the execution of programs, it is equivalent to pressing the RUN key on the front panel.

To use this with a foot-switch, wire the switch between this input and 0V.

!STOP Input (Pin 9)

The !STOP input is an active Lo input with an internal pull-up resistor.

The active-going edge of this input halts all Tester activity, turning off all signal sources.

To use this with an 'emergency stop' switch, wire the switch between this input and 0V.

Status Outputs (Pins 2, 4 and 6)

The status outputs are standard 5Volt logic signals.

In the standard set-up, the three status outputs are active Lo signals which duplicate the three LED's on the front panel - Busy, Pass and Fail. They could, for example, be connected as status inputs to a robot controller, or a bin selector.