

Attendance Machine Connectivity With Serial port

You can connect attendance machine with Serial Port (RS232) by using serial cable directly with computer.

SERIAL (RS232):

SERIAL PORT HAS 9 PINS. THEY ARE NUMBERS FROM 1 TO 9. WE USE ONLY PIN NO 2, 3 AND 5.

Pictures of 9 pin Serial male and Female connector...



Serial Male Connector

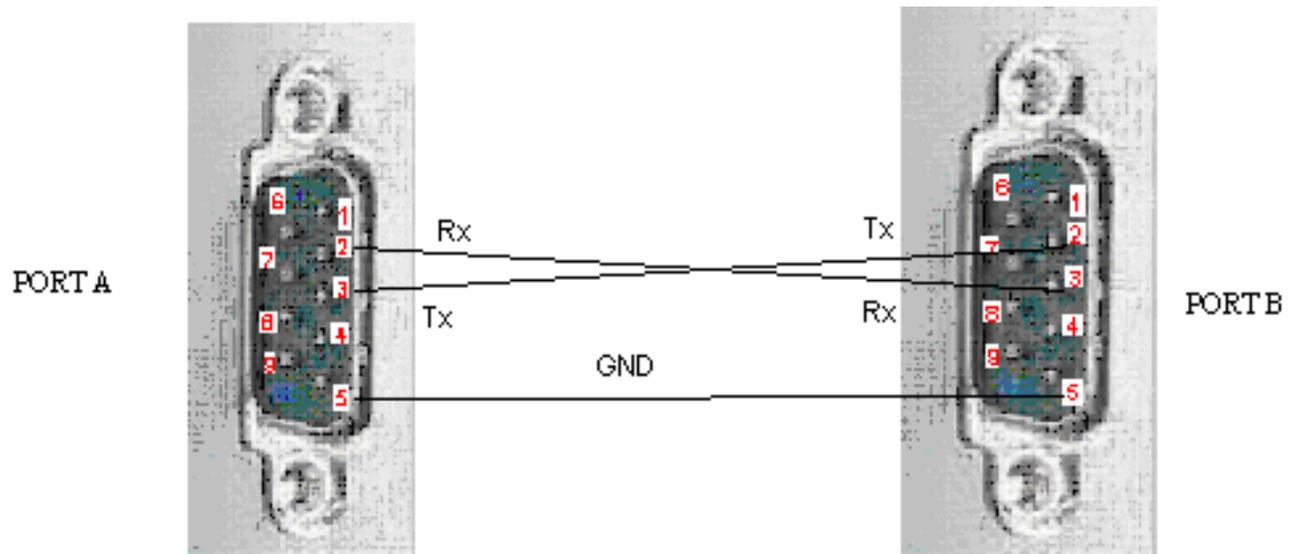


Serial Female Connector

PIN 2 : FOR RECIEVER (RX)

PIN 3 : FOR TRANSMISSION (TX)

PIN 5 : GND



Connection of Both End (Port) of Serial cable

One end(PORT A) connect to machine serial port Female connector and another end(PORT B) connect to the computer Serial Port female connector.

LOOP BACK TESTING : WE USE LOOP BACK TESTING IN SERIAL CONNECTION. IN LOOP BACK TESTING OUR PRIME MOTIVE IS TO CHECK THE FAULT EITHER IN MACHINE OR COMPUTER SERIAL CONNECTOR.

A. In Loop back testing One end of serial cable connect to the computer and sort pin 2 & 3 of another end of cable ,and press any key from keyboard if that press keyword show on hyper terminal then decided that computer serial port don't have any problem and problem in machine side otherwise problem in computer port.

