

### How to use strings to communicate directly with a RS232 com port

“send” or “request “ commands can be send to a MBC (Digital Mass Flow Controller with integrated RS232 interface) by means of text files.

In this document an example using HyperTerminal is described.

- Start the HyperTerminal program.

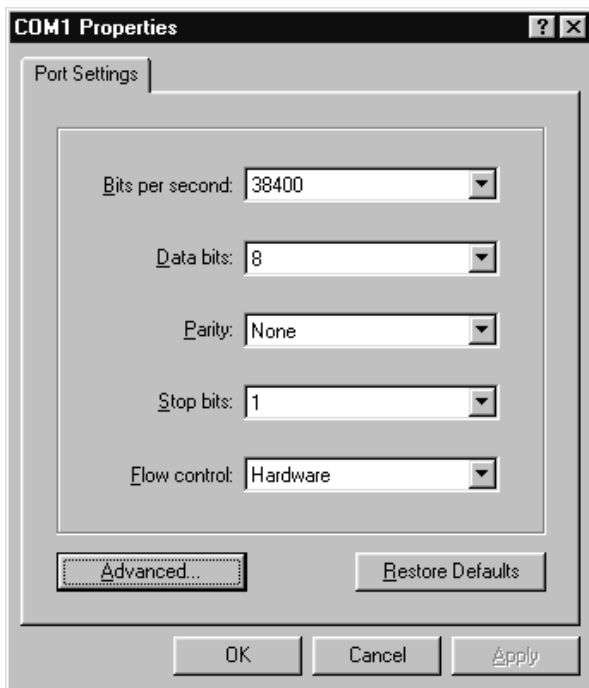


- Give a name for the connection, f.i. 'test' .
- Select the RS232 com port where the MBC is connected.



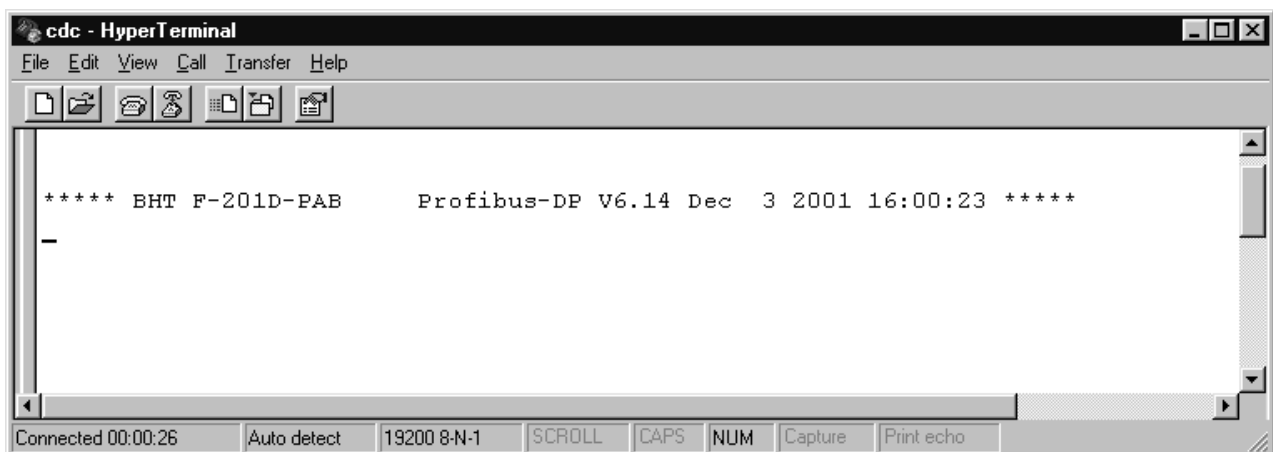
## SENSORS FOR MASS FLOW AND PRESSURE

- Set the Properties of the com port.
- *RS232 / Flowbus interface*  
All versions → 38400 Baud
- *MBC (Digital Mass Flow Controller with integrated RS232 interface)*  
Firmware < V6.16 → 19200 Baud  
Firmware ≥ V6.16 → 38400 Baud



### Test the communication

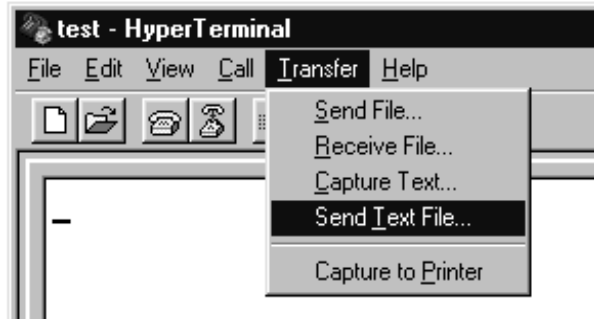
- At power up of the MBC the MBC sends an identification string to the RS232 port.
- Please check if the identification string is displayed in Hyper Terminal.



## SENSORS FOR MASS FLOW AND PRESSURE

Send / write Setpoint 100%

- Select "Transfer" → "Send text file"



- Select the file "writesp100.txt"

