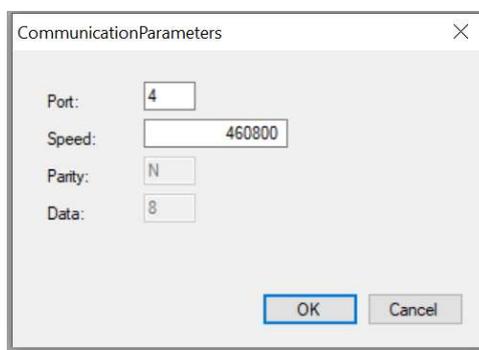


# Connection guide to UI with RS485

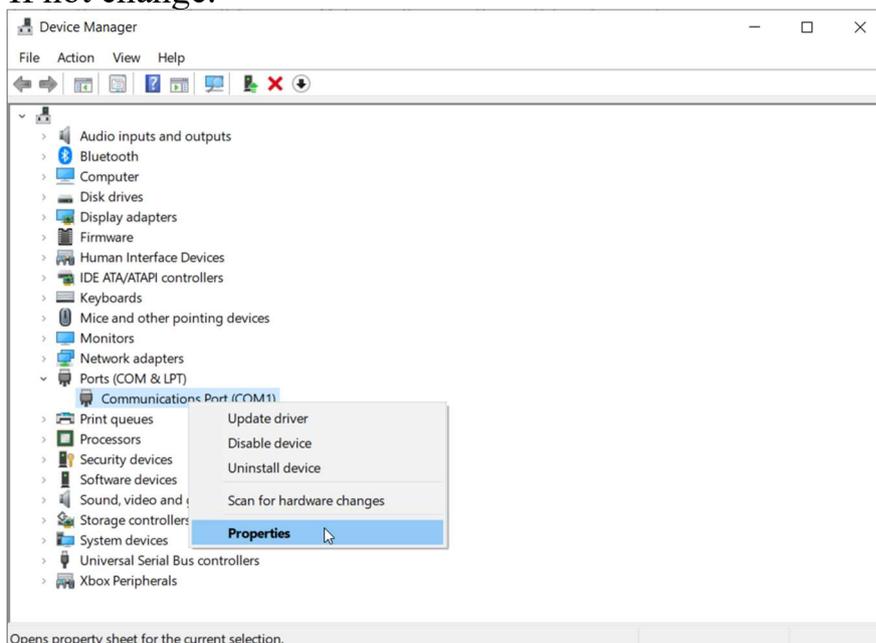
Ensure your usb2-h-5001-m converter is configured as follow:



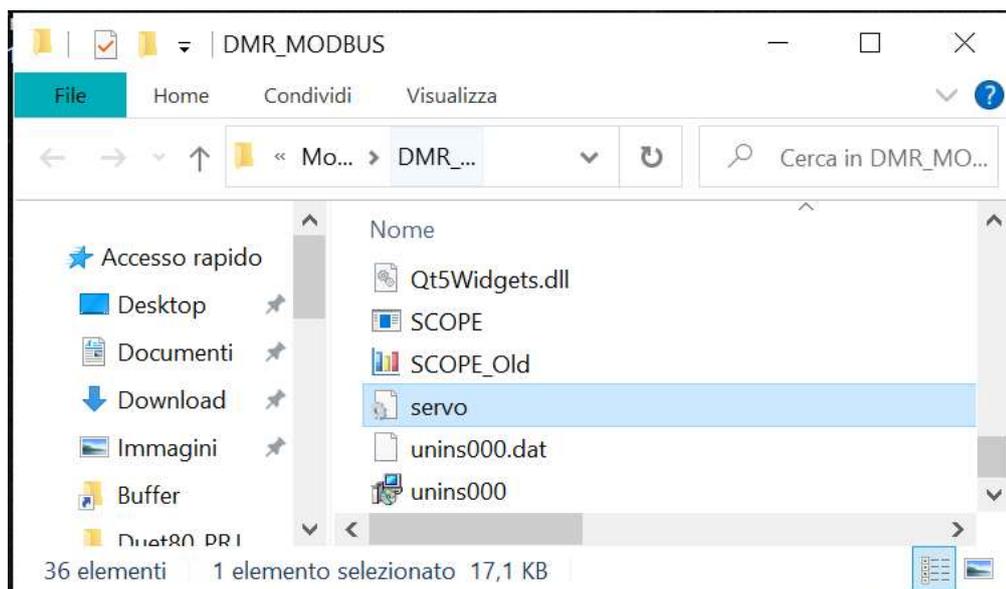
- Open your UI and select Tool->Communication Parameters



- Be sure that speed is set as in figure
- Verify your Com Port in UI is the same as the one you set in your Device Management. If not change.



- Copy the Servo.ini file you received in the installation folder of the UI, if necessary overwrite it.



- Connect Data+ and Data- of the RS485 to the D+ and D- of the Converter



- If everything is fine the user interface will show you following windows

Motor Power Company: Basic Pro User Interface [2.5] Unknown Drive Connected

File View Tools Window ?

Axis #1 [0/0] Servo Ready Axis #2 [0/0] Servo Ready

**Axis #1 Parameters**

Parameter	Value	Unit
[0] Mode Of Operation	3	
[1] Enable Analog Input	1	
[2] Analog Input Polarity	0	
[3] Analog Safe Zero	0	
[4] Analog Input Offset	0	
[5] Analog Filter	100	
[6] I KP	30	
[7] I Ki	2	
[8] Vel KP	10	

**Axis #1 Inputs**

Input	Value	Unit
Control Word	0	[-]
Enable	0	[Bool]
Begin	0	[Bool]
Fault Reset	0	[Bool]
Halt	0	[Bool]
Set Immediately	0	[Bool]
Use Relative Position	0	[Bool]
Current Target	0	[A]
Speed Target	0	[user unit]
Position Target	0	[user unit]

**Axis #1 Outputs**

Output	Value	Unit
Actual Iq	0	[A]
Iq Error	0	[A]
Iq Demand	0	[A]
Iq Tracking Error	0	[A]
Torque Demand	0	[A]
Actual Torque	0	[A]
Velocity Target	0	[user unit]
Actual Velocity	0	[user unit]
Velocity Error	0	[user unit]
Velocity Demand	0	[user unit]

**Generic Parameters**

Parameter	Value	Unit
[0] Bus Nominal Voltage	24	[Vrms]
[1] Pwm Frequency	8	[kHz]
[2] Serial Port Baud Rate	3	[Enum]
[3] Modbus Slave Address	247	[Num]
[4] CanOpen NodeId 1	1	[Enum]
[5] CanOpen NodeId 2	2	[Enum]
[6] CanOpen Bit Rate	0	[Enum]
[7] User Program Enable	0	[bool]
[8] User Program Type	0	[-]
[9] User Program Axis Sel	0	[-]

**Generic Inputs**

Input	Value	Unit
Save To Flash	0	[Bool]
Set Default Parameters	0	[Bool]
Reset Drive	0	[Bool]
Start Boot Loader	0	[Bool]
Output	0	[Bool]
PWD	0	[-]

**Generic Outputs**

Output	Value	Unit
Firmware Version	1005	[mj.mn.m]
Bootloader Version	53335	[mj.mn.m]
Vendor ID	1230	[-]
Product Code	517000000	[-]
Revision Number	2	[-]
Serial Number	1234567	[-]
Flash Status	32768	[-]
DC Bus	23	[V]
DC Bus Offset	20300035	[V]
Can Tx Error Counter	128	[-]

COM:4 Speed:460800 [Timer: 101 ms - 10.10% ] EC: 0 0 []

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