PM2 Configuration Utility
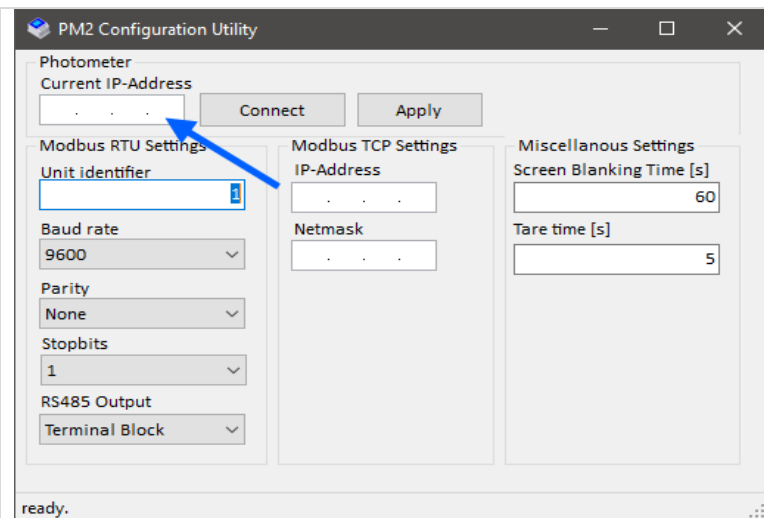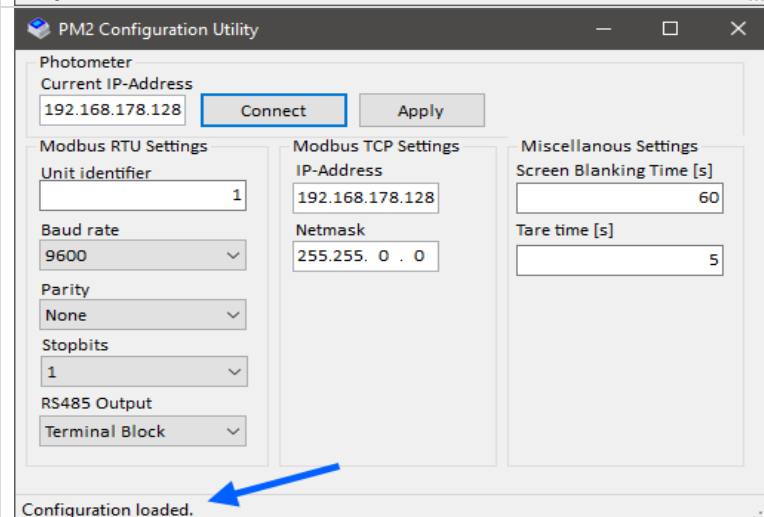
1. Connecting the configuration software to the PM2

   a. Make sure the PM2 and your Windows® PC are connected to the same physical Ethernet. Either peer to peer (direct cable connection between PC and PM2) or via Ethernet Switch.
   b. For connecting you will need to know the current IP-Address of the PM2. At any time, it can be found on the screen of the PM2.
   c. The IP-Address plus Netmask of the PM2 and the IP-Address plus Netmask of the Network Card of your PC must share a matching configuration to communicate with each other.
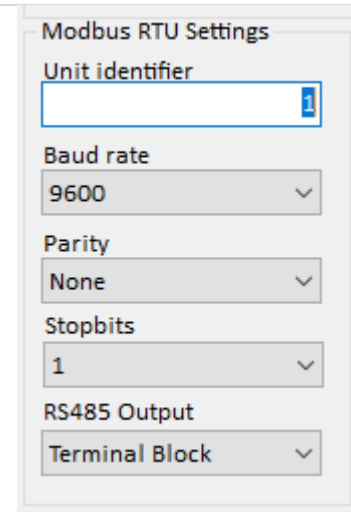   d. Enter the PM2s IP-Address into the textbox "Current IP-Address" and press the "Connect" button.

e. After successful connection the configuration values should appear and the status bar should state: "Configuration loaded."	

2. Modbus RTU Settings

a. **Unit Identifier**
   Each slave connected to the Modbus needs a unique Unit Identifier to be addressed by the master.

b. **RS485 Settings**
   Set the baud rate, parity and the number of stopbits according to the configuration of you Modbus master.

c. **RS485 Output**
   The PM2 offers two RS485 ports to connect to the Modbus:
   One is located on the Terminal Block and one on the M12 connector.
   Only one connector can be used at the same time.
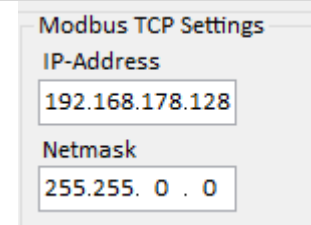   Select the wanted output from the drop-down menu.

Modbus RTU Settings

Unit identifier
`1`

Baud rate
`9600`

Parity
`None`

Stopbits
`1`

RS485 Output
`Terminal Block`

3. Modbus TCP Settings

a. **IP-Address and Netmask**
   The IP-Address and the Netmask of the PM2 must match to your local IP-Range to be available to master.

b. **PM2 IP-Address**
   The configured IP-Address is also the global IP-Address used for connecting the configuration utility.
   Attention: By changing the IP you will need to reconnect the configuration utility to the new IP-Address.
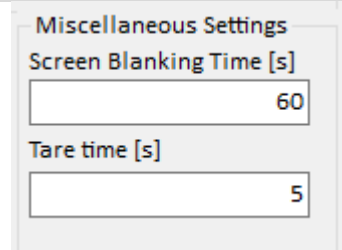
Modbus TCP Settings

IP-Address
`192.168.178.128`

Netmask
`255.255. 0 . 0`

4. Miscellaneous Settings

   a. Screen Blanking Time
      For power saving purposes the PM2 reduces the brightness of the screen after a certain time span. Enter the wanted number of seconds for the screen blanking.

   b. Tare time
      For not accidentally triggering a tare, the tare button as well as the tare input needs to be hold in tare position for a certain amount of time.
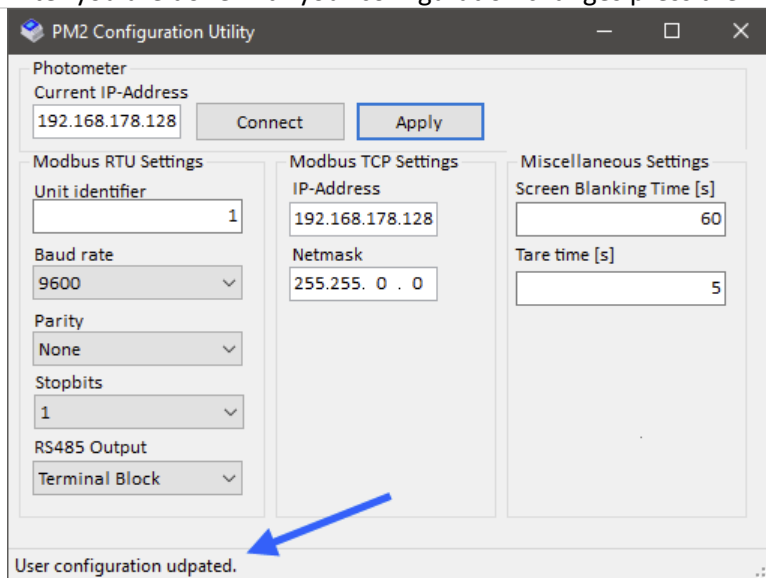   Enter the wanted tare time in seconds.

Miscellaneous Settings
Screen Blanking Time [s]
| | 60 |

Tare time [s]
| | 5 |

5. Saving the settings
   a. After you are done with your configuration changes press the "Apply" Button.