

Konfiguracja PD8 jako Modbus TCP/IP:

Zainstalować PD8 Config, nadać adres IP dla PD8, potem otworzyć i zalogować się na stronę www PD8

Otworzyć : Serial-> Port 1 klikamy i dalej poniższe ustawienia

Port	Description	Profile	Serial Configuration
Port 1	None	Industrial Automation	9600 8N2

Wybrać tryb Industrial Automation i zastosować zmiany-> Apply

Port Profile Settings

- Console Management  
The Console Management Profile allows you to access a device's console port over a network connection. [More...](#)
- TCP Sockets  
The TCP Sockets Profile allows a serial device to communicate over a TCP network. [More...](#)
- UDP Sockets  
The UDP Sockets Profile allows a serial device to communicate using UDP. [More...](#)
- Serial Bridge  
The Serial Bridge Profile configures one side of a serial bridge. A bridge connects two serial devices over the network as if they were connected with a serial cable. [More...](#)
- Local Configuration  
The Local Configuration Profile allows you to connect standard terminals or terminal emulation programs to the serial port in order to use the serial port as a console to access the command line interface. [More...](#)
- Industrial Automation  
The Industrial Automation (IA) Profile allows you to control and monitor various IA devices and PLCs. [More...](#)
- Modem Emulation  
The Modem Emulation Profile allows you to configure the serial port to act as a modem. [More...](#)
- PPP Server  
The PPP Server Profile allows a serial device to connect and communicate over the TCP/IP network. [More...](#)
- Custom  
The Custom Profile is an advanced option to allow full configuration of the serial port. [More...](#)

Wpisać zakres adresów 1-255:

Changes have been saved successfully.  
A reboot is required for these changes to take effect.

### Serial Port Configuration

**Port Profile Settings**  
Current Port Profile: **Industrial Automation** Change Profile...  
The Industrial Automation (IA) Profile allows you to control and monitor various IA devices and PLCs.

**Industrial Automation Settings**  
Current Protocol: **Modbus/RTU Serial Slave** Change Protocol...  
My PLC or other IA device is connected to this serial port and needs to communicate with another PLC, device, or system on the network.

**Modbus RTU Settings**  
Forward incoming network requests using the following unit addresses  
1 to 255  
 Override the Modbus unit address on incoming requests with specified unit address  
0  
Apply

Modbus/TCP Network Settings [Global]  
Advanced Protocol Settings  
Basic Serial Settings  
Advanced Serial Settings

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Wybrać port dla Modbus TCP ( ewentualnie zostawić domyślne)

Current Port Profile: **Industrial Automation** Change Profile...  
The Industrial Automation (IA) Profile allows you to control and monitor various IA devices and PLCs.

**Modbus/TCP Network Settings [Global]**  
**Note:** The following settings are globally configured and affect all serial ports. They are provided here for convenience.

Accept incoming Modbus/TCP connections TCP port: 502  
 Accept incoming Modbus/TCP in UDP/IP UDP port: 502

**Modbus/TCP Protocol Settings:**  
 Ignore incoming broadcast requests using unit address 0  
 Send incoming broadcast requests to this serial device  
 Change the Modbus unit address to 1 before sending  
 Enable error responses when requests time out

**Modbus/TCP Protocol Timeouts:**  
Character timeout: 30000 ms  
Message timeout: 2500 ms  
 Enable idle timeouts for idle connections  
Idle timeout: 4500 s  
Apply

Wybrać tryb Modbus:

The screenshot shows a web browser window with the URL `10.0.0.160/config/ports/port_config.htm?1`. The page title is "Konwerter PD8 Configuration and Management". On the left, there is a navigation menu with categories: Home, Configuration (Network, Serial Ports, GPIO, Alarms, System, iDigi, Users), Applications (RealPort), Management (Serial Ports, Connections), and Administration (File Management, Backup/Restore, Update Firmware, Factory Default Settings, System Information, Reboot). The main content area is titled "Serial Port Configuration" and contains a "Basic Serial Settings" section with the following fields: Description (text input), Baud Rate (9600), Data Bits (8), Parity (None), Stop Bits (2), and Flow Control (None). An "Apply" button is located below these settings. At the bottom of the page, there is a copyright notice: "Copyright © 2012 Lumel S.A. All rights reserved. www.lumel.com.pl".

Zrestartować konwerter:

The screenshot shows a web browser window with the URL `10.0.0.160/admin/reboot.htm`. The page title is "Konwerter PD8 Configuration and Management". The navigation menu is identical to the previous screenshot. The main content area is titled "Reboot" and contains the text: "The reboot process will take approximately 1 minute to complete. Click Reboot now to reboot the Konwerter PD8." Below this text is a "Reboot" button. At the bottom of the page, there is a copyright notice: "Copyright © 2012 Lumel S.A. All rights reserved. www.lumel.com.pl".