

## Interface USB-PPI (Siemens S7-200, TWIDO.....)

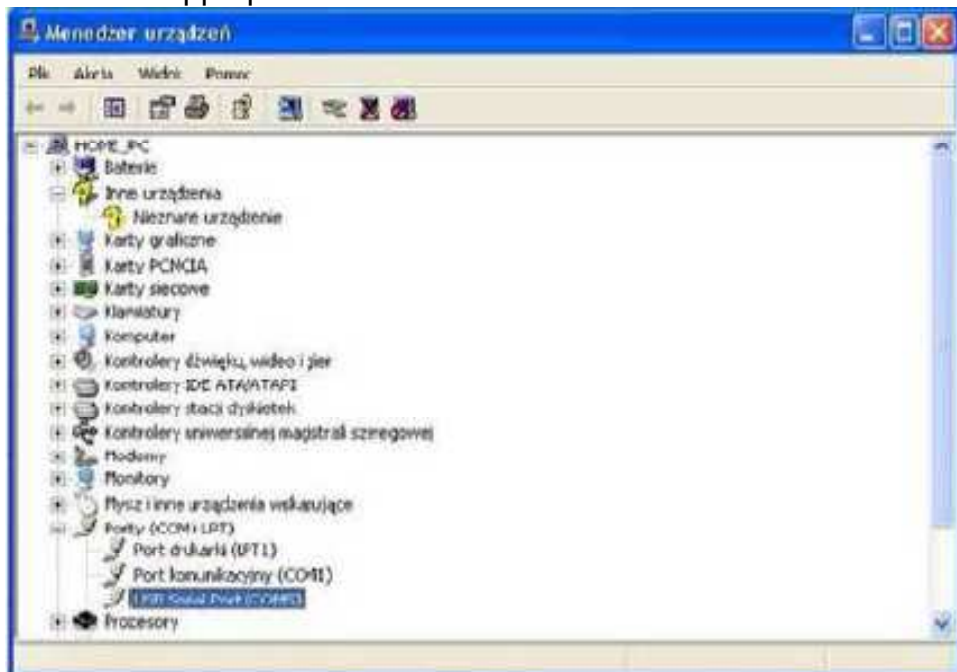
### User's manual

#### 1. System requirement

- Computer system requirement IBM PC/AT or compatible desktop with USB port.
- Operation system requirement: Windows 98 SE/ Windows 2000/ Windows XP/ Windows Vista, Windows 7
- No external power is required, powered by USB bus directly.

#### 2. Driver Installation

- Be sure your computer support USB port.
- Be sure that USB ports work correctly.
- Do not plug in USB interface before driver installation.
- Startup Windows operation system, then choose driver for your operating system.
- Install driver: CDM26000.exe from <http://www.ftdichip.com/Drivers/D2XX.htm> or later
- After installation reset operation system (optional)
- Plug USB interface into USB port of the computer. The system will setup the driver automatically.
- After that, you will find a new COM port on Device Manager (Start/Control Panel/System/Hardware/Device Manager/Ports (COM&LPT)). It is named: USB SERIAL PORT (COM ##).
- Install the appropriate software for PLC

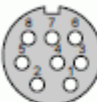
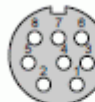
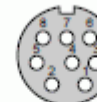
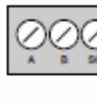


- Choose correct comm. Port into software. In this Picture is COM5 and this COM Number should be set In proper PLC software.

### 3. CONNECT TO PLC

# SIEMENS S7-200 connection to PLC S7-200 is via DSUB-9 connector (which is a standard RS-485 pin 3-A [+] 8-B [-])

# TWIDO, IDEC connected to pins A, B (A white cable, Green cable B) RS-485 connectors

Connection			
Serial link	Optional link		
RS 485	RS 485D	RS 232 D	RS 485T
			
TWD LCAA ●●●● TWD LMDA ●●●●	TWD NAC 485D TWD NOZ 485D	TWD NAC 232D TWD NOZ 232D	TWD NAC 485T TWD NOZ 485T
1 A+	A+	RTS	A A+
2 B-	B-	DTR	B B-
3 NPC	NC	TXD	SG 0 V
4 /DE	NC	RXD	
5 /DPT	NC	DSR	
6 NPC	NC	0 V	
7 0 V	0 V	0 V	
8 5 V (180 mA)	5 V (180 mA)	5 V (180 mA)	

NC: not connected  
NPC: do not connect  
/DPT: 1 = master; if not connected, the PUNIT protocol is used for communication with PCs (at state 1, 19200 bauds, with no parity); if connected to 0 V, the communication parameters are those configured by the TwidoSoft software.