

# PL700 Modular PLC



CODESYS single device license (SL), Linux environment  
CODESYS OPC UA server, full version for data exchange  
WebVisu HTML 5 for webserver visualization

Supported fieldbuses:

- EtherCAT master,
- PROFINET controller/device
- EtherNet/IP scanner/adaptor,
- Modbus TCP master/slave, Modbus RTU master/slave,
- CANopen master/slave, J1939

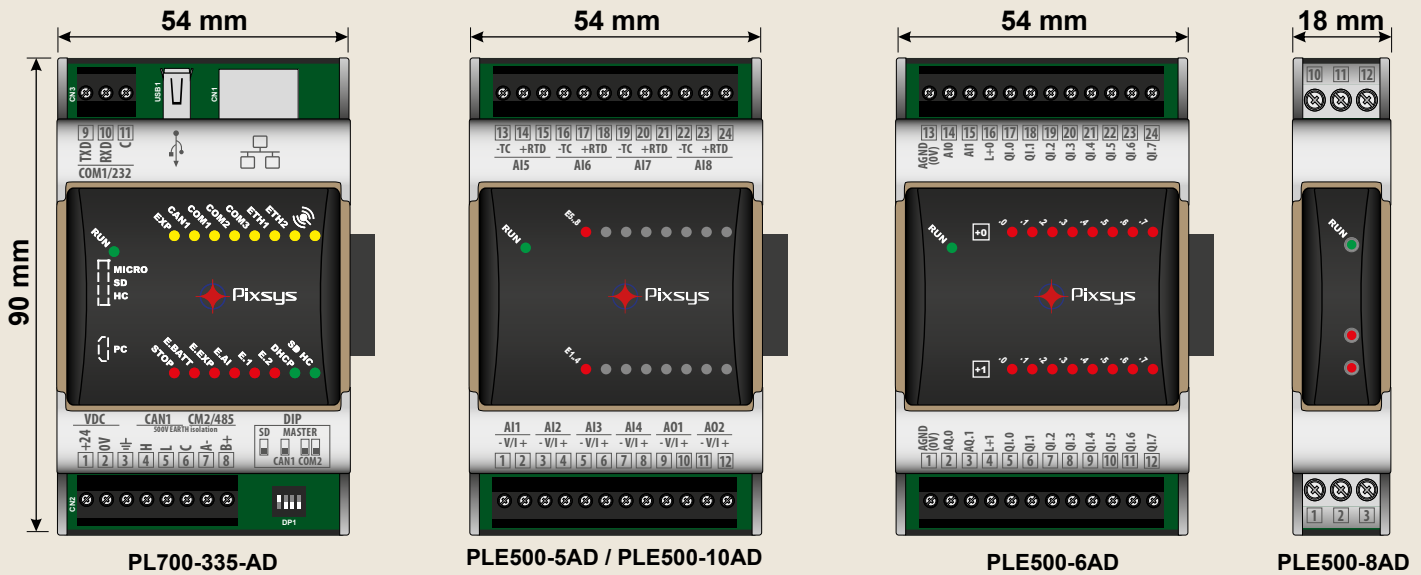
Pixsys Portal VPN - Remote Control and Assistance tool – passthrough  
Optional Dual Ethernet Port - distinct networks

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# Main features

BOX	DIN43880 - 3x mod. 54x90x64 (PL700, PLE500-5AD, PLE500-6AD, PLE500-10AD), 1 module 18x90x64 (PLE500-8AD)
POWER SUPPLY	12..24 V DC +/- 15%
POWER CONSUMPTION	3 W
OPERATING CONDITIONS	Temperature 0-45 °C, humidity 35..95 RH%
MATERIAL	Noryl V0
WEIGHT	Approx. 250 g
SEALING	IP20 (box and terminal blocks)
TERMINAL BLOCKS	Extractable

## PL700 Technical data (CPU)

PROCESSOR	ARM Cortex A8-1 GHz
MEMORY	Flash 4 GB/ RAM 512 MB DDR3
MEMORY CARD	Micro SD
EXPANSION BUS	PLE-DIN-BUS (real time) on DIN RAIL
SERIAL PORT	RS485, RS232, CAN, Ethernet, USB

## PLE500 Technical data (I/O modules)

	PLE500-6AD	PLE500-5AD	PLE500-8AD	PLE500-10AD
BUS PROTOCOL	PLE-DIN-BUS (real time) on DIN RAIL			
DIGITAL INPUT	16 PNP (selectable)	○	○	○
DIGITAL OUTPUT	16 PNP (selectable)	○	2 PNP	○
ENCODER INPUT	4x (Res. 32 bit, 50 KHz) Push Pull	○	○	○
ANALOGUE INPUT	2x (Res.16 bit 40000 points) 4..20mA/0..10V	4x TC type K,S,R,J, PT100, PT500, PT1000, Ni100, PTC1K, NTC10K, (β 3435K), potentiometer 6 KΩ, 150 KΩ (50000 points) 0..60 mV (16000 points) 4x 0..10 V (54000 points), 0/4..20mA (40000 points)	1x (Ris. 16 bit) selectable: TC type K,S,R,J, PT100, PT500, PT1000, Ni100, PTC1K, NTC10K, (β 3435K), 0..10 V (54000 points), 0/4..20mA (40000 points), 0..60 mV (16000 points), potentiometer 6 KΩ, 150 KΩ (50000 points)	4x 0..10 V (54000 points), 0/4..20mA (40000 points)
ANALOGUE OUTPUT	2x (Res. 16 bit) 0/4..20 mA	2x 0..10V / 4..20 mA	1x (Res. 16 bit) 0/4..20 mA	2x 0..10V / 4..20 mA
C.T. INPUT	○	○	50 mA - 20 ms - 4096 points	○
GALVANICAL ISOLATION	From supply to serial Bus			

## Ordering codes

PL700-335-AD	PLC DIN Rail 1 Ethernet, 1 RS485, 1 RS232, 1 CANopen
PLE500-6AD	PLC Expansion 16 Digital Inputs/Outputs, 2 Analogue Inputs, 2 Analogue Outputs
PLE500-5AD	PLC Expansion 4 Analogue Inputs RTD/TC, 4 Analogue Inputs 4..20mA 0..10V, 2 Analogue Outputs
PLE500-8AD	PLC Expansion 1 Analogue Input, 2 Digital Outputs, 1 Analogue Output
PLE500-10AD	PLC Expansion 4 Analogue Inputs 4..20mA 0..10V, 2 Analogue Outputs