

По вопросам продаж и поддержки обращайтесь:

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	Самара (846)206-03-16	

Единый адрес: psx@nt-rt.ru Веб-сайт: www.pixsys.nt-rt.ru

Модули расширения PL260 PIXSYS. Техническое описание

Powerful compact PLC, ideal for integrating sequential control functions, processing and management of data on automatic machines and systems, with control of analogue variables and digital/analogue blocks for axis control.



A single device accommodates a CPU and power supply, digital relay inputs and outputs (for direct current systems) and analogue inputs and outputs that do not require external signal converters. For network connection the device has an RS485 multipoint serial port up to 57000 Baud and for greater speeds a port for CANopen bus up to 1 MBaud.

The ladder PLprog programming environment is structured in easy-to-use blocks, which alongside the classic counter, timer and control with PID algorithms functions, also implement axis positioning, mathematical functions and 16-bit logics, and checks on bit.

Wiring is simplified by an extractable terminal. The 12...24V AC/DC power supply makes it suitable for installation in electrical control panels or on board vehicles or earth moving machinery. It is also ideal for applications with a low number of I/Os which can be expanded with MCM260 PLC expansion module.

User friendly, multimedia support and traceability

For the entire range of Pixsys products we provide technical support for installation, programming and operation via our online forum and via Skype.

The interface of this **PLC controller** is user friendly and the user is also supported by auxiliaries for programming such as memory cards or the PLProg programming software.

Programming tutorial videos are available on our youtube channel.

As for the entire range of PIXSYS products, thanks to the QR code the traceability of the product is guaranteed for its entire life cycle; the information and documentation online can be also be accessed by reading the QR CODE that directs your mobile device to the product's technical specifications and verifies its warranty conditions.

Ordering codes

PL260-11AD

PLC 4 An. Inp. + 16 Digitali PNP + 16 static outputs 700mA + 4 outputs 0...10 Volt (10/12 bit)

2100.30.010

M.c. Upgrade Series PL250- PL260- PL300- EPL101

2100.10.006

Programming tool PL250- PL260

Main features

Box

Standard DIN43880 160 x 90 x 58 (H) mm with DIN rail mounting fitting EN50022

Power supply

12...24Vac/Vdc $\pm 15\%$ 50/60 Hz

Consumption

4W

Operating conditions

Temperature 0-45 °C, humidity 35..95 uR% (non condensing)

Material

Noryl V0

Weight

Approx. 375 gr.

Sealing

IP20 Box

Inputs

Analogues

4 Selectable for TC, K, J, S, R, T, E, PT100, Ni100, 0/4..20 mA, 0/1..10 V (for more details see technical documentation)

Digitals

16 PNP inputs

Inputs for Encoders

2 Bidirectional encoders (overlapped to 4 PNP inputs) 15 KHz simultaneously / 30KHz single

Outputs

Digital

16 static outputs 700 mA /each output (4A max for groups of 8)

Analogue

2 out 0...10Volt - 8 Bit + 2 out 0...12,5Volt - 13 Bit

Open- Collector

2 out max 20mA

Programming port

1 serial RS232 on Plug

Communication port

1 serial RS485 on Plug or on extractable terminal (max. 57600 Baud) + 1 Bus for CANopen (max. 1 MBaud)

Software features

Programming

Pixsys PLprog software, Ladder diagrams; 128 marker (logic relays), 32 bistables, 64 timers 16 bit, 16 up-down counters, mathematic and logic function, Range - rescale function, contact on bit, 2 timed interrupts (min. 1 msec)

Scanning cycle

minimum 2 msec

Communication protocols

Modbus RTU master/slave; Free-Port mode for Modem or proprietary devices; CANopen Master/slave

Memory

64Kbyte Flash for programming, 350 word non-volatile Ram , 1000 word EEprom, memoria dati MMC interna 13000 word opzionale

Clock

Real-Time clock , Back-up battery

Control algorithms for analogue inp.

P, PI, PID, PD

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