

По вопросам продаж и поддержки обращайтесь:

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Киров (8332)68-02-04	Рязань (4912)46-61-64	Ярославль (4852)69-52-93
	Самара (846)206-03-16	

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

Таймеры TCT101 PIXSYS. Техническое описание

Timer – Counter – Tachometer 32x74 **TCT101**

Timer - Counter - Tachometer, programmable PNP/NPN inputs, multi-voltage power supply, serial communication port option.



The TCT101 series is available in a range of configurations: Timer, Counter, Tachometer/Frequency counter.

TCT101-1ABC with 5 operating modes: Timer-ON, Timer-OFF, Pause-Work, Oscillator, PWM (proportional time output), all with settings independent of the ON-OFF times.

TCT101-2ABC, can be configured as single and double counter, incremental and decremental counter with the option of setting an external potentiometer

TCT101-3ABC frequency reader from Encoder Push-Pull/Line-Driver TTL, mono- or bi-directional up to 100kHz.

TCT101-4ABC-T configurable as Timer /Counter/ Tachometer with communication serial port for the transmission of setpoints, Times/Counts/Frequency.

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 the TIMER TCT101 ensures that the product is easy to use and that the user is also supported by auxiliaries for programming such as MEMORY-CARD or the LABSOFTVIEW 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

TCT101-1ABC

Timer - settable in 5 modes

TCT101-2ABC

Counter - incremental or decremental

TCT101-3ABC

Tachometer - for Push-Pull / Line-Driver encoders (mono/bi-directional)

TCT101-4ABC-T

Timer / Counter / Tachometer - with RS485 Modbus RTU/slave serial communication

Main features

Box

32x74 (front panel) x 53 mm

Power supply

24...230Vac/Vdc $\pm 15\%$ 50/60 Hz

Consumption

3 VA

Display

4 digits 0,4" green + 4 digits 0,3" red

Operating conditions

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

Material

Box: Noryl UL94V1 self-extinguishing; Front panel: PC ABS UL94V0 self-extinguishing

Weight

Approx. 100 g

Sealing

Front panel IP65 (with gasket) , Box IP30, Terminal blocks IP20

Quick set-up options

Memory Card with / without battery

Inputs

3 Digital

Selectable as NPN - PNP - TTL, both high/low/rising edge level

Input I3

Input selection by potentiometer 5/10 KOhm for entering of setpoint value (resolution 1000 points)

Outputs

1/2 Relays

2 Relays 5 A - 250 Vac resistive charge (codes -1/2/3) 1 Relay 5 A - 250 Vac resistive charge (codes -4ABC-T)

Serial communication

RS485 Modbus RTU - Slave (code -4ABC-T)

Software features

Timer input selection

Start, Stop, Hold, Reset, Wait

Ranges

Programmable time bases (sec/100 , sec/10 , sec, min , hours)

Counter input selection

Up, Down, Lock, Hold

Counting frequency

Incremental/Decremental up to 100Khz

Counter functions

Count frequency visualization on red display for Flowmeter function

Tachometer input selection

For mono/bi-directional Push/Pull or Line/Driver encoders up to 100Khz

Tachometer functions

Maximum / Minimum peak

Data protection

Parameters protected by password

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