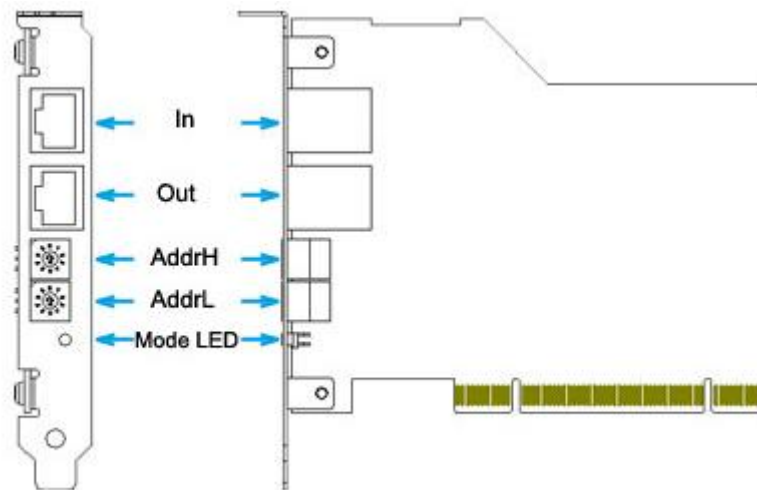# 1. Product description

EtherCAT PCI Slave allows working with a PC as with an EtherCAT slave.

1.1.　　　System requirements

- x86-compatible PC with a free 2.1 specs compliant PCI slot;

2. Layout

Connection of the slave in the network is carried out via In and Out connectors.

Rotary switches (AddrH and AddrL) are used to set fixed address for the slave instead of auto-incremented by the master.

Mode LED indicates that the slave is on and operating properly.

3. Technical data

Unit	PCI board
PC interrupt	Controlled by operating system
Physical interface	Ethernet
Connector type	RJ-45 x 2
Transfer rate	100 Mbit/s
PC interface	PCI specification V2.1 compliant
Power supply	+5V (+5%); typ. 700mA
Ambient conditions	- Operating temperature: 0°C to 70°C
	- Storage temperature: -20°C to 80°C
	- Humidity < 90% (non-condensing)
EtherCAT specifications	- 256 Kbit EEPROM
	- 8 Kbyte I/O process data exchange
	- CoE (CANopen over EtherCAT) and EoE (Ethernet over EtherCAT)
	- 64 Bit Distributed clocks

4. Standards

This device meets the requirements of the EC directive 89/336/EWG Electromagnetic Compatibility" (EMC directive).

Noise emission: EN55011:1998 (CISPR 11:1997)

Noise immunity: EN61000-4-2:1995, EN61000-4-3:2002 (EN61000-4-3:1997),

EN61000-4-4:2004 (EN61000-4-4:1995), EN61000-4-5:1995,

EN61000-4-6:1996

Compliant with European Directive 2002/95/EC on the Restriction of Hazardous Substances (RoHS).