

## Universal A/D Converter - ADC-01

Universal A/D converter for analog signals conversion to digital data

### Application

ADC-01 is a general-purpose universal signal processing unit. It can be applied as an entry-level unit of measurement systems. The system is equipped by RJ45 connectors for the high flexibility of analog counterparts. Digital data processing requires an additional unit with user-developed software application.

### Description

ADC-01 unit has an external power supply. Analog signal is connected by means of RJ45 connectors and digital data are provided by USB link to any suitable processing unit. Usually, a computer with suitable software is used for data processing and recording. ADC-01 presents a stand-alone unit with a metal body.

### Advantageous features

- High resolution
- Open for user programs for data processing
- External power supply - low voltage operation
- Rigid design

### Specifications

Power supply	24 VDC
Analog input	0 - 15 VDC
Input connectors	RJ45
Number of channels	6 or 12
Data output	USB
API	User based
Sampling rate	1 Hz
Data recording	No
Input shortcut protection	Yes



Energetic Materials  
Stability &  
Compatibility  
Heating Blocks