# L-9017
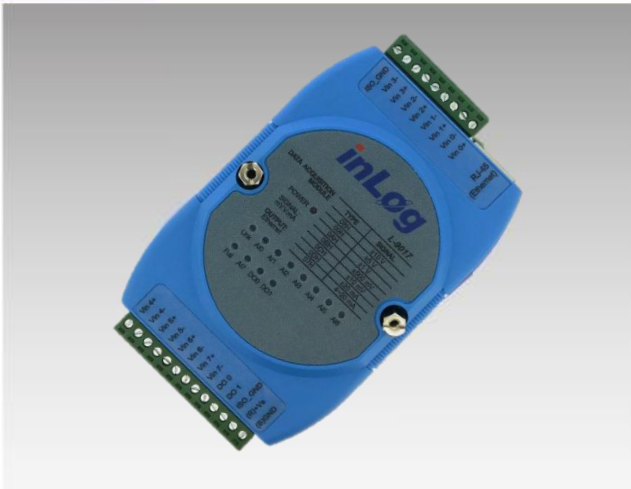
## Features

- Support protocol Modbus/ TCP, TCP/IP, UDP, ICMP, ARP
- Provide two digital outputs (open collector)
- Ethernet 10/100 Based-T communication
- Support lisolated input channels
- Support ±V, ±mV, mA analog input
- Fully photo-Isolation 3750Vrms
- Built-In TVS/ESD protection
- Wide supply voltage (10~30V)

## Specifications

### Interface:

| | |
|---|---|
| Communication | 10/100 Based-T Ethernet |
| Protocol | Modbus/TCP, TCP/IP, UDP, ICMP and ARP |
| LED Indication | LED for power and Ethernet link status |
| Isolation Voltage | 3000VDC |

| | |
|---|---|
| Accuracy | ±0.05% or |
| Zero Drift | better ±20uV/ |
| Span Drift | °C |
| CMRR | 25 ppm/ °C |
| | 50/60 Hz: 92 dB |
| Over Voltage Protection | ±60V |
| Burn-Out | Wire burn-out auto detection |

### Analog Input:

| | |
|---|---|
| Effective Resolution | 16-bit |
| Input channels | 8 differential |
| Input Type | mV, V, mA |
| Input Range | ±150mV, ±500mV, ±1V, ±5V, ±10V, 0-20mA, 4-20mA |
| Isolation Voltage | 2500Vrms |
| Fault and Overvoltage ±35V Protection | Withstands overvoltage up to |
| Sampling Rate | 10 samples/sec |
| Input Impedance | 20MΩ |
| Bandwidth | 13.1Hz, 50Hz, 15.72Hz, 60Hz |

### Digital Output :

| | |
|---|---|
| Channels | 2 |
| Sink Type | Open collector to 50V, 500mA (Maximum Load) |
| Power Dissipation | 300mW max. for each module |

### Power Requirement :

| | |
|---|---|
| Consumption | 2.2W |
| Power Input | 10~30VDC (unregulated) |
| Humidity | 5 ~ 95% RH, non-condensing |

## Block Diagram