

L-8017

8-ch Isolated Analog Input Module



Features

- ◆ Protocol MODBUS RTU, ASCII Command
- ◆ Support 8 Channels Isolated Analog Input
- ◆ Support Isolated Input Channels
- ◆ Fully Photo-Isolation 3750Vrms
- ◆ Wide Supply Voltages (10~30V)

Specifications

Interface:

Communication	RS485
Protocol	MODBUS RTU and ASCII Command
Baute Rate (bps)	1200, 2400, 4800, 9600, 19.2K, 38.4K, 115.2K
LED Indication	LED for Power and link status
Isolation Voltage	3000VDC

Span Drift	25 ppm/ °C
CMRR	50/60 Hz: 92 dB
Over Voltage Protection	± 60V
Current Measurement	+/-20mA(with external 125 ohm resistor)

Power Requirement :

Consumption	0.8 W/Typical
Power Input	+10 ~ +30 VDC
Humidity	5 ~ 95% RH, non-condensing
Operating Temperature	-25°C ~ 75°C

Analog Input:

Effective Resolution	16-bit
Input Channels	8 channel
Input Type	Voltage, Current
Input Range	±10V, ±5V, ±2.5V, ±1V, ±500mV, ±15mV, ±20mA
Isolation Voltage	3000V
Sampling Rate	10 Samples / Second
Input Impedance	20M ohm
Accuracy	±0.05% or better
Zero Drift	±20uV/ °C

Block Diagram

