



## Application

- Connect LARK-1 with Power Supply
- Communicate with LARK-1 by RS232 Interface
- Provide RS485 Interface to a Host Device
- Communicate with a Host Device Based on Modbus Protocol
- Provide 4-20mA Analog Output to a Host Device

## Connector Definition

- J5: 1\*4, Header, 5mm, Blue
  1. PWR (9-24V DC)
  2. GND (0V)
  3. IS (4-20mA)
  4. GND (Back up)

- J6: 1\*2, Header, 5mm, Blue
  1. RS485 (B-)
  2. RS485 (A+)

- J1: 2\*5 Header, 2.54mm  
(Connected to LARK-1)

1. NC
2. V<sub>out</sub>(DAC)
3. RXD(TTL)
4. TXD(TTL)
5. RXD(RS232)
6. TXD(RS232)
7. CS1
8. GND
9. PWR DC
10. GND

- LED Status Indication

D1: Communication Status with LARK-1

D2: Communication Status of MODBUS

D5: Power Supply Status Indication

## Parameters

Input Voltage	9~24 VDC
Operating Current	300 mA~2 A
Communication	RS485
Warranty	5 years (@0.5W)

## Mechanics

Circuit Board	FR4
Base	Organic Glass(PMMA)

## Dimensions

- L × W × H: 45 × 45 × 22 mm

