



Technical parameters

Groove depth: 68mm
 Groove width: 5mm
 Minimum detectable object: Spacing between tags/tag size: 2mm
 Switching frequency: 0.9KHz
 Operating voltage: 10...30V DC, reverse polarity protection
 No-load current: ≤50mA
 LED light indication

mode	state	Indicator light
Working mode	leaflet	LED green light
	Double sheet	LED red light
	Air	LED yellow light
Learning mode	Single sheet study	Long press the key> the green light flashes 2s, release to enter the study (successfully continue flashing 3 secondary green light; Failed to flash red light 3 times)
	Double sheet learning	Long press the key> 5s switch from flashing green light to yellow light flashing, release to enter learning (successfully flash green light 3 times; Loss Defeat flashes red light 3 times)

Infusion

Input type With learning function

Iose

Output type NPN + PNP output
 Output 100mA
 Response 280 μ s

Charact

Operating -25°C... 70°C
 Storage -40°C... 85°C
 temperature V31 connector (M8 × 1), 4 pins
 Shell Metal, aluminum
 weight 105g

Product Model: ISUDB5-F85-E4-V31

[View Details](#)

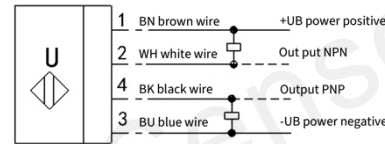
Ultrasonic slot sensor

- NPN + PNP switching output
- Label, carrier material identification
- Single and double sheet detection
- Temperature compensation
- Short response time
- With switch buttons

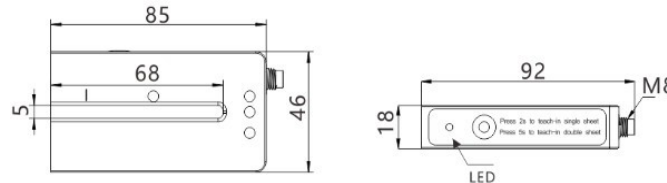
Electrical connections



V31 Connector

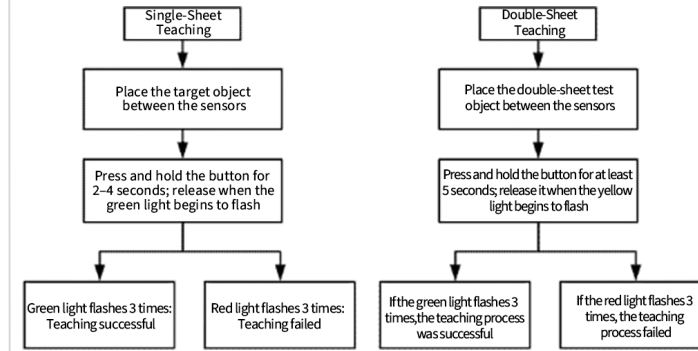


Dimensions



Groove depth 68mm Groove width 5mm

Learning method



Note: After completing the study, the work

will start automatically, and the learning

function will be installed at any time

• Place the tag or substrate within the effective sensing area of the slot sensor



• Pass multiple tags through the slot sensor



Notes:

- 1) Do not input voltages other than the normal operating voltage to avoid sensor burnout failure.
- 2) Avoid pulling the sensor lead wire too hard to prevent damaging the sensor's electrical connection.
- 3) It is forbidden to cover the surface of the sensor probe to avoid affecting the detection range of the sensor.
- 4) The sensor should avoid strong mechanical vibration when used, and the working environment should not have strong electromagnetic interference and rapid air circulation
- 5) Please do not disassemble the sensor without permission, if the sensor does not work normally, please contact the after-sales service in time to solve it, and the company will not be responsible for all the consequences caused by disassembling it without permission