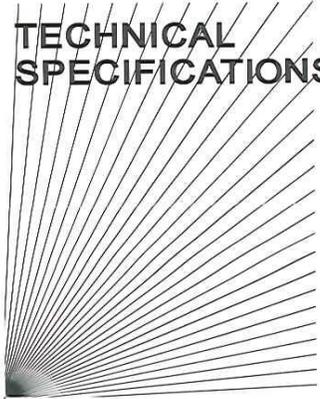


# ADJUSTABLE FREQUENCY INFRARED SENSOR

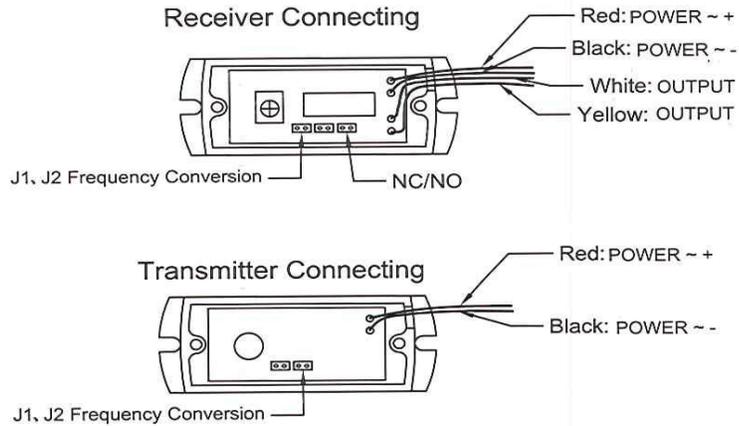
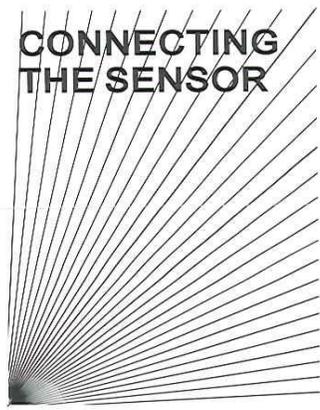
## Usage manual

### TECHNICAL SPECIFICATIONS



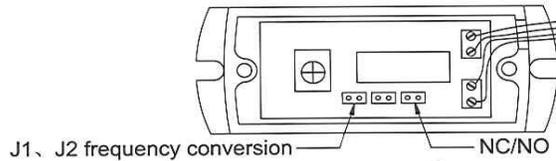
Technology	:Active infrared beam
Receiving range	:≤15m (Receiving range may reduce by 30% in bad weather conditions such as rain、 more dust etc.)
Frequency	:38KHz
Input power	:9-16V DC/AC
Wave length	:940nm
Input current	:R—1.8mA;T—20mA
Operating temperature	:-25℃ to +55℃
Relay output	:1A 36V max
Dimensions	:69.5 × 26.4 × 22.5mm

### CONNECTING THE SENSOR



### Short-circuiter Adjustment Description:

J1、 J2 as frequency conversion,transmitter and receiver corresponding to 4 channels adjustable.J3 is NO/NC adjustable,when in NC status J3 is ON,when in NO status J3 is OFF.



### Installation:

The best installation height should be more than 20cm,installation distance should be not less than 1m,infrared protection device should be vertically placed,and in the same horizontal line.First,please install the receiver,then the transmitter(when in a straight line,RED light of receiver goes out),then fix,connect line and complete installation.

### Attention:

- 1.Avoid direct sunlight
- 2.Pay attention to the direction of installation

