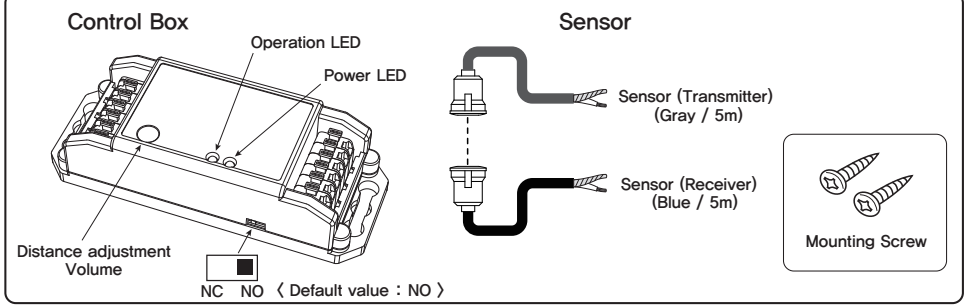
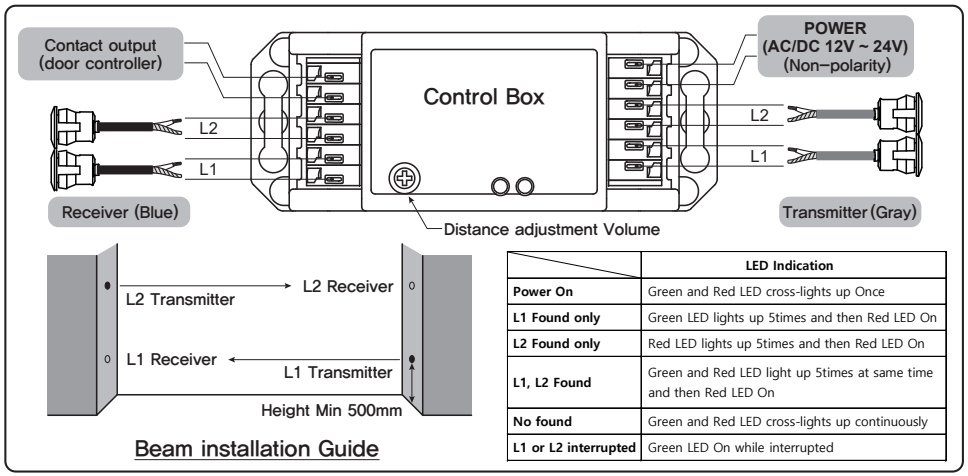
# PROBEAM
## Instruction Manual

**This sensor is designed to detect intrusion to initiate an alarm, an door controller and so on.**
**This sensor will provide long and dependable service when properly installed.**
**Please read this instruction manual carefully for correct and effective use.**

## 1 PARTS DESCRIPTION




## 2 WIRING




| | LED Indication |
|---|---|
| **Power On** | Green and Red LED cross-lights up Once |
| **L1 Found only** | Green LED lights up 5times and then Red LED On |
| **L2 Found only** | Red LED lights up 5times and then Red LED On |
| **L1, L2 Found** | Green and Red LED light up 5times at same time and then Red LED On |
| **No found** | Green and Red LED cross-lights up continuously |
| **L1 or L2 interrupted** | Green LED On while interrupted |

## 3 CAUTION

1. **Supply the power of AC/DC 12V ~ 24V only with Non-polarity**
2. **Do not supply the power during engineering work of installation**
3. **Do not disassemble or modify the device, it may cause fire or electric shock.**

## 4 SPECIFICATIONS

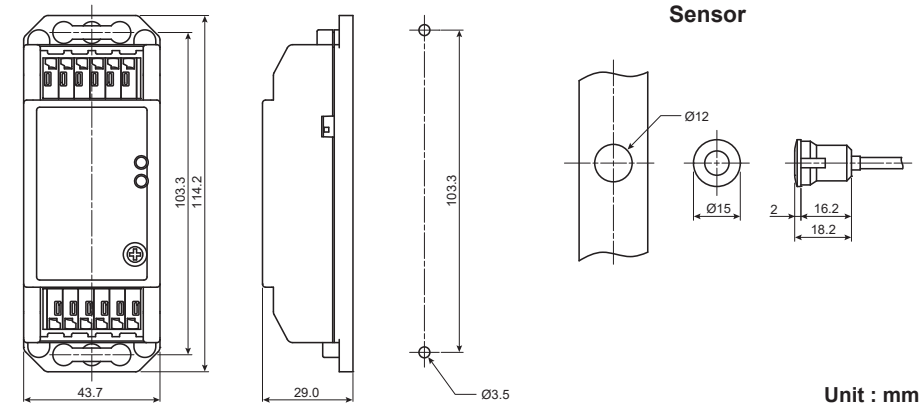
| | | PROBEAM |
|---|---|---|
| **Set** | **Transmitter & Receiver Wire** | **4 PCS (5m each)** |
| | **Transmitter & Receiver Sensor** | **2EA / 2EA** |
| | **Screw (4x13)** | **2EA** |
| | **Manual** | **1Copy** |
| **Spec** | **Supply voltage** | **AC/DC 12V ~ 24V (Non-polarity)** |
| | **Relay contact capacity** | **24V/1A** |
| | **Operation Temperature** | **-20℃ ~ 50℃** |
| | **Working distance** | **10m Max** |
| | **Current consumption** | **Standby75mA / Active 100mA** |
| | **Weight** | **Control box 75g / Sensor 133g ( Including 5m cable)** |

## 5 USER MANUAL

1. **Make wiring as REF 2 and Install transmitter and receiver at the same height.**
2. **Supply power of AC/DC 12V ~ 24V and make sure that Power LED on the control box lights up**
3. **Operation LED lights up when beam is interrupted and goes out when beam is not interrupted.**
4. **Interrupt beam, and make sure that operation LED lights up and the connected devices work properly.**

**Note) Working distance is Min 15cm and Max 10m**
**In case operation LED goes off even though beam is interrupted, sensitivity may be too high.**
**Reduce sensitivity by turning sensitivity adjustment volume.**
**Make a hole ø 12mm(0.47") and clean away the rough hole edge.**

## 6 EXTERNAL DIMENSIONS





BBC Bircher Smart Access
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