

Operation Instruction

M-218D Safety Beam Sensor

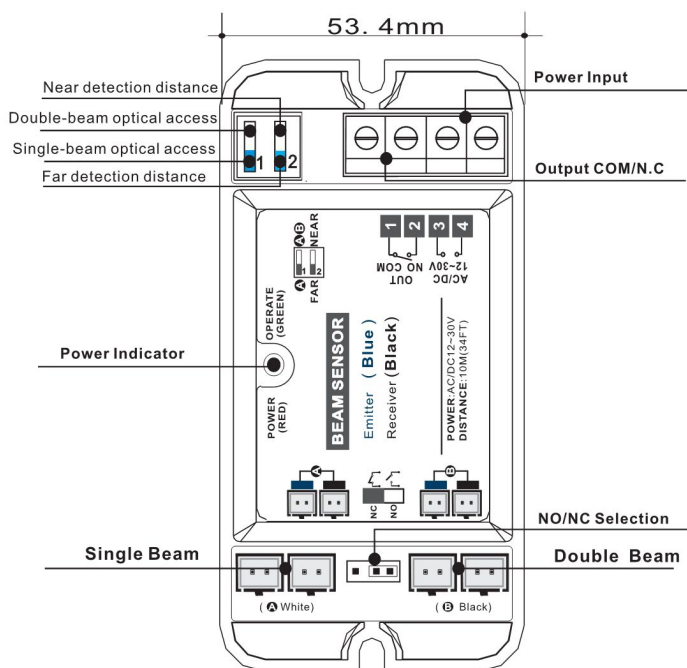
Make your choice



1 Security Guide

! Thank you buy our products, please read the instructions before use.

2 Panel instructions and Use Description

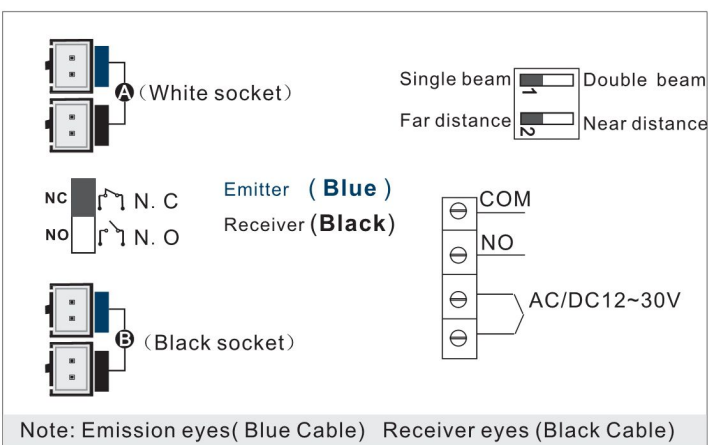


3 The overall characteristic

- With Pull in& out type Socket for easy wiring
- International optical lens design with good focus quality, controlled angle is rational, easy to be installed.
- Far transmit distance with strong , anti-interference ability.
- Adopting receiving filter,decoding,amplification system of German technology. Effective solution to anti-interference of natural daylight.
- Adopt microcomputer control technology, high integration with high stability.

- Emission electric eye adopts low-power consumption design with far transmit distance.
- Emission contact and receive contact output separately with shielding line.
- When the signal light be blocked, N.O or N,C contact can be flexibly chosen.
- With AC/DC 12-30V Power Input
- Warning Alarm will be sent when eye sensor has problems

4 The definition of input and output terminals



Note: Emission eyes(Blue Cable) Receiver eyes (Black Cable)

5 Specific considerations

- 1.Single Beam must be connected into Group A (White Socket). Double beam must be connected into Group A B (Both White and Black Socket)
- 2.The eye installation hole should be 13mm.
- 3.Single beam installation height:60cm from ground.
Double beam installation height: One beam should be 30cm from ground. The Other should be 90cm from ground.
- 4.The eyes installation should be vertical and horizontal level. Keep away from sundries to avoid error action.
- 5.PIs keep away from tree and flower to avoid error action
- 6.PIs make sure the installation height should be at least 20cm from ground.

6 Parameters

Supply power:	AC/DC12~30V
Static current:	12V-18mA
Action current:	12V-58mA
The maximum transmit distance :	10m
NO or NC contact:	Done by NO./NC contact selection
Beam:	single beam or double beam
Working Environment temperature:	-42℃~45℃
Working environment humidity:	10-90%RH
Appearance dimensions(controller):	105.5(L)×53.4(W)×28.5(H)mm
Appearance dimensions(Magic eye head):	19(L)×13(D)mm