

Operation Instructions

M-219D Foot Sensor Switch



1 Safety Instruction

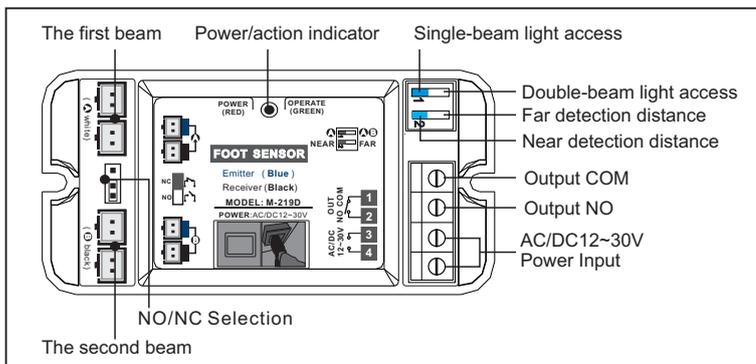


Thanks so much for your purchasing, please read this instruction before reading.

2 Overall Characteristics

- Using the color corresponding plug socket, wiring simple, convenient and accurate.
- Adopt microcomputer control technology, with exquisite stainless steel brushed appearance design.
- Installation with hidden screw hole, embedded small opposite type infrared beam head. Stable performance and high anti-interference.
- It is widely used in the induction control of automatic doors in hospital operating rooms, laboratories and clean rooms.
- Microprocessor modulated active infrared.
- Detection mode: Receive the door open signal by the truncation of infrared ray which operated by foot.

3 Overview



Device composition



Connection cable with 5.5 meters * 2 pcs Controller * 1 pc
Infrared eye head * 1/2 pairs Stainless steel bracket * 1/2 pcs



1. Connect single-beam on A Socket(white), double-beam on both Socket A&B(White&Black)
2. Pull Switch to position 1 for single beam. Pull switch to NO Position for double beam.
3. Sensitivity adjustment: A. Pull switch to position 2 will have high sensitivity.
B. Pull switch to NO position will have low sensitivity.
4. Transmitting electric eye head with blue cable, receiving electric eye head with black cable.

4 Parameters

Technical measures: Active infrared ray of modulation and demodulation	When opposite-type electric eye head is effective: Red light; When infrared ray is being truncated: Green light flashes
Recommended installation height: 0.3 m height from the ground	Operation temperature: -20°C~+55°C
Half deflection Angle of beam: 5 degrees	Anti-interference: Sunlight 81000 LUX, incandescent light bulb 36000 LUX
Detection mode: Truncation of infrared ray by foot operated to produce the open signal.	Electronic microwave: conforms to 89/336/CE standard
Reaction time: relay output ≤45ms	Appearance dimensions: 109.5(L)x53.4(W)x28.5(H)mm (Main controller) 15.5(∅)x18(H)mm(Electric eyes) 186mmx175mmX53mm(Bracket)
Supply power: AC/DC 12~30V	Hole size: 120(L)x100(W)x50(D)mm(main shell)
Power consumption: 82mA	Output signal: Relay NO/NC signal selection
Supervisory signal: 4.5S MA	