

MIERUZZO SERIES MANUAL

MIERUZZO SWITCH BOX Instruction Manual M13-206/207

Thank you for purchasing our product, M13-206/207.
Please read this instruction manual carefully to ensure correct usage of this device.
Please keep this instruction manual for future reference.

⚠ ATTENTION

- Do not use this device near machines that emit strong electro-magnetic field or objects that store static electricity.
- Do not drop or subject this device to strong impact.
- Do not use or store this device where it will be exposed to water or in places with wet conditions.
- Do not use or store this device where it can be exposed to direct sunlight, dust, high temperature, and high humidity.
- Do not attempt to disassemble or modify this device.
- Do not use organic solvents such as thinners etc., for they will damage the external finish.



Please note that misuse of this device may lead to injury to the user or damage to the device.
Please observe all safety precautions and warnings in this instruction manual.

CUSTOMER SERVICE



LINE SEIKI CO., LTD.

Head Office 37-7 Chuo-cho, 2-Chome Meguro-ku
Tokyo JAPAN 152-0001
TEL: 03-3716-5151 FAX: 03-3710-4552
E-mail support@mieruzzo.com
URL http://www.mieruzzo.com

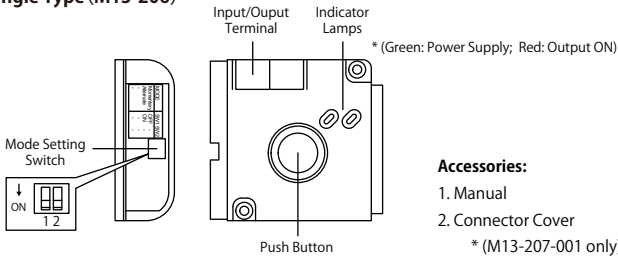
MODEL

Model	Name	Mode*				Reset
		①	②	③	④	
M13-206	Single	○	○	—	—	—
M13-207-001	Multi (master)	○	○	○	○	○
M13-207-002	Multi (slave)	○	○	○	○	○

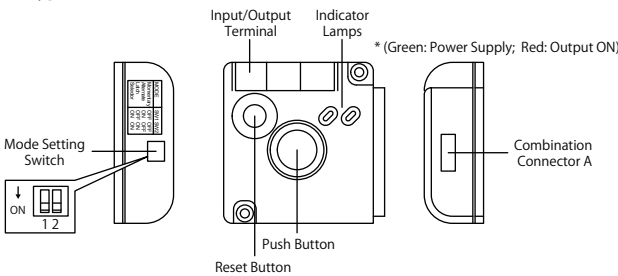
*Mode: ① Momentary ② Alternate ③ Latch ④ Selector

PART NAMES

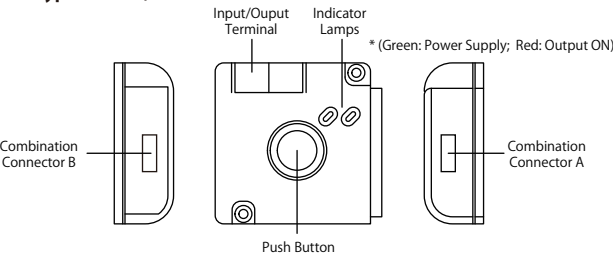
● Single Type (M13-206)



● Multi Type - Master (M13-207-001)

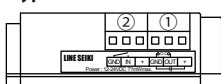


● Multi Type - Slave (M13-207-002)



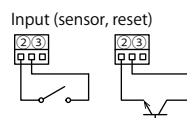
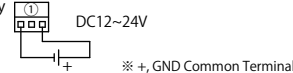
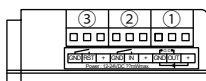
CONNECTION (wiring)

● Single Type (M13-206)

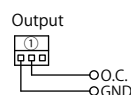
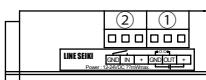


- Push Button Output Terminal
 - Sensor Input Terminal (parallel with push button)
 - Reset Input Terminal (parallel with reset button)
- Power Supply * This unit requires a power supply.

● Multi Type - Master (M13-207-001)



● Multi Type - Slave (M13-207-002)



USAGE (operation)

● Mode Selection

This device is a push button switch with multiple operating modes.

① Momentary Mode

The output is turned ON when the push button is pressed. Output is turned OFF upon release of the push button.

② Alternate Mode

The output switches ON/OFF when the push button is pressed. Output is turned OFF when reset button is pressed.

③ Latch Mode (M13-207)

The output is turned ON when the push button is pressed. Output is turned off when reset button is pressed.

④ Selector Mode (M13-207 combination)

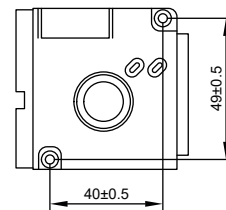
The output is turned ON when the push button is pressed; output of other switches connected in combination is turned OFF in the process. Output of ALL switches are turned OFF when reset button is pressed.

● DIP Switch Setting

Switch 1	Switch 2	Mode
OFF	OFF	Momentary
ON	OFF	Alternate
OFF	ON	Latch
ON	ON	Selector

DIMENSIONS

● Single Type (M13-206)



[Dimensions] W56×D56×H20

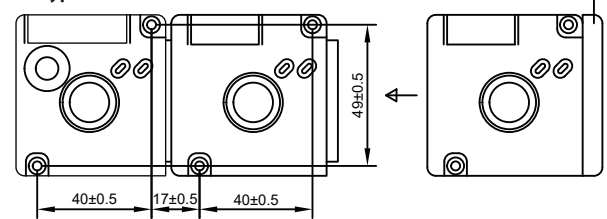
[Combination Method]

Connect Combination Connector A to Combination Connector B
Can combine up to 4 devices.

* Connector Cover

Attach the supplied M13-207-001 connector cover to the last device of the combination.

● Multi Type (M13-207) combination



[Dimensions] M13-207-001: W53 (55) ×D56×H20

M13-207-002: W60 (62) ×D56×H20
※ () with Connector Cover attached

SPECIFICATIONS

Model	M13-206	M13-207
Type	Single	Multi
Max. Combination	—	4
Input Type	Contact/Open Collector: L < 1.5V (sink current 0.2mA)	
Reset	—	Push Button, Remote Sensor
Reset Time	—	minimum 20ms
Output Type	Open Collector Output	
Power Supply	DC12~24V (-15% / +10%)	
Power Consumption	approx. 500mW	
Operating Temperature	0~50°C (non-freezing)	
Operating Humidity	45~85%RH (non-condensing)	
Weight	approx. 50g	
Accessories	Connector Cover (M13-207-001)	
Regulatory Compliance	CE, RoHS	