

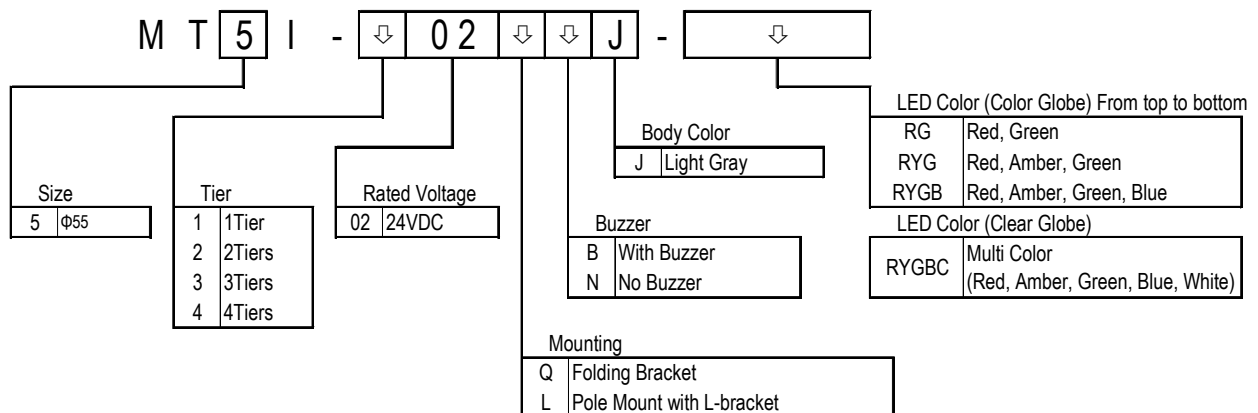
SPECIFICATIONS

1. General Specifications

Model		MT5I-□02□□J-□□□□□	
Rated Voltage		24 V DC ±10%	
Operating Voltage Range		Rated Voltage ±10%	
Transistor Input		NPN / PNP Transistor	
Signal Wire Current	Max.	LED : Red: 60.0mA Amber: 60.0mA Green: 60.0mA Blue: 60.0mA White: 60.0mA	
		Buzzer : 50.0mA	
Operating Ambient Temperature		-30℃ ~ +60℃	
Operating Ambient Humidity		Less than 90% (No condensation)	
Mounting Location		Indoor / Outdoor	
Protection Rating		IP65 (IEC 60529)	
Buzzer Sound	No.1	Continuous beep sound	
	No.2	Rapid intermittent beep	
	No.3	Continuous beep sound (Reduced sound)	
Sound Pressure Level(Typ.)	No.1,2	98dB	
	No.3	80dB	
Environmental	Front direction from the center/at 0.3m		
Conformity Standards	EMC Directive (EN 61000-6-4, EN 61000-6-2)		
	RoHS Directive (IEC 62321) / China-RoHS(GB/T26572 SJ/T11364)		
	Conforms to the CE Requirements		
	Conforms to the UKCA Requirements		

2.Model

2.1 Model Number Configuration



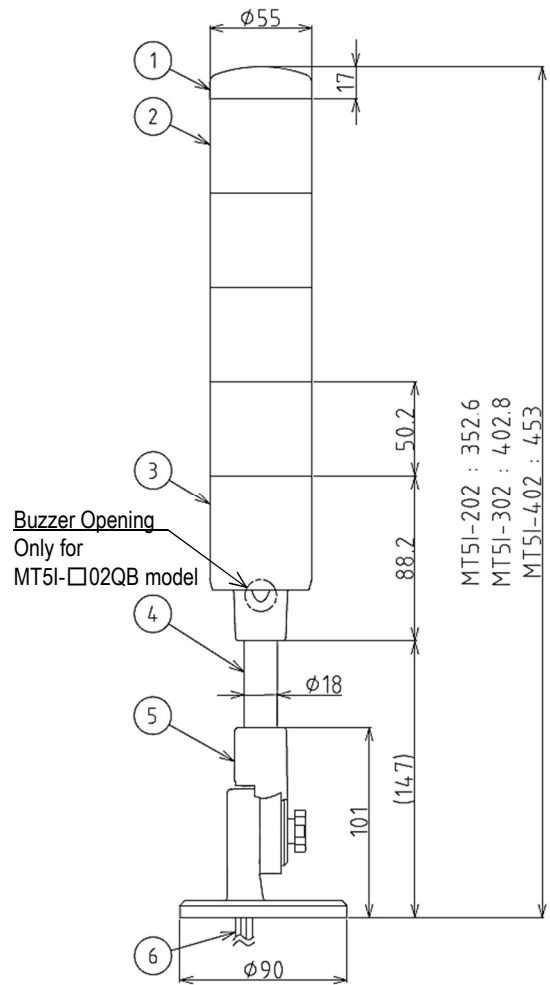
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3. Outer dimensions

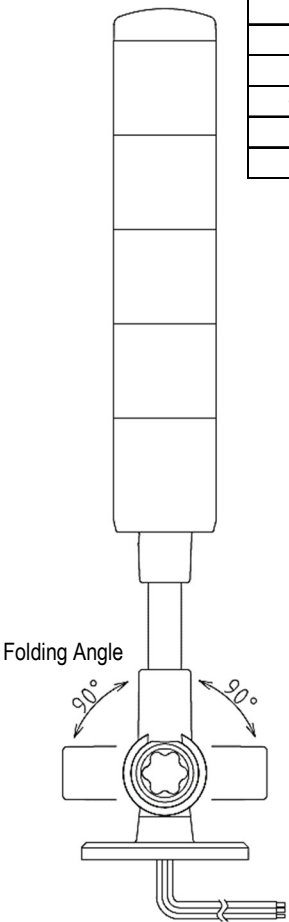
3.1 MT5I-□02Q□J

3.1.1 MT5I-202Q□J, -302Q□J, -402Q□J

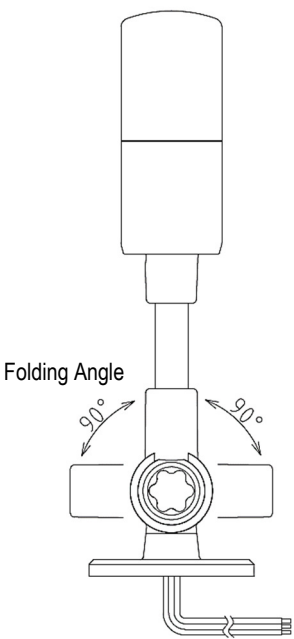
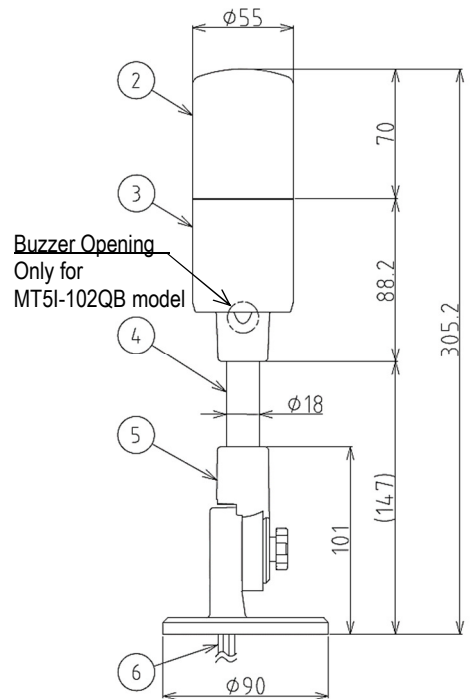
[mm]



Number	Name	Material
1	Head Cover	ABS
2	Globe	PC
3	Body	ABS
4	Pole	AL
5	Folding Bracket	ABS
6	Lead Wire	PVC

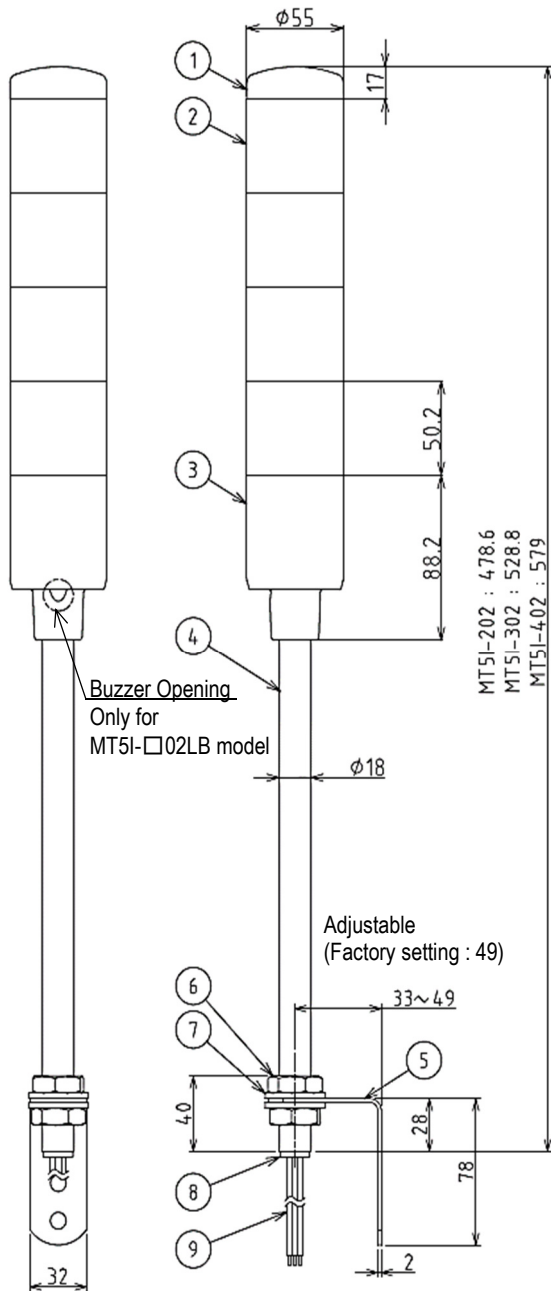


3.1.2 MT5I-102Q□J



3.2 MT51-□02L□J

3.2.1 MT51-202L□J, -302L□J, -402L□J

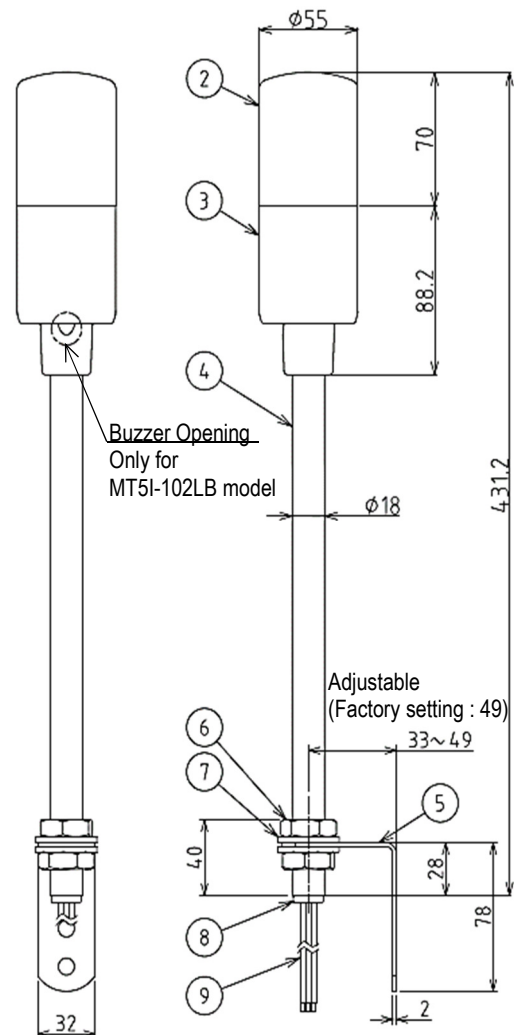


Signal Wire & Power Supply Wire : AWG24
Wire Length : 300

Number	Name	Material
1	Head Cover	ABS
2	Globe	PC
3	Body	ABS
4	Pole	AL
5	L-Bracket	SUS
6	Hexagon Nut	Steel
7	Flat Washer	Steel
8	Rubber Bushing	Silicone Rubber
9	Lead Wire	PVC

3.2.2 MT51-102L□J

[mm]



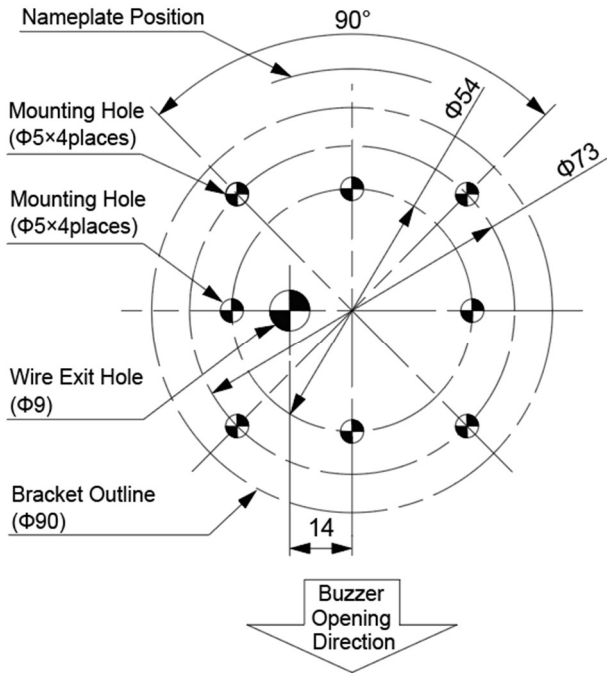
Signal Wire & Power Supply Wire : AWG24
Wire Length : 300

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4.Mounting Dimensional Drawing

4.1 MT5I-□02Q□J

[mm]

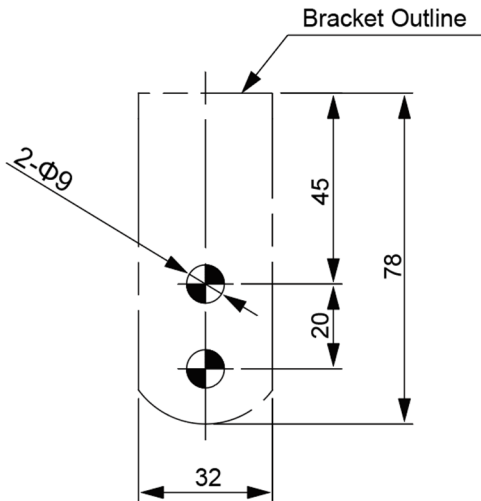


Screw / Nut
M5×4 pcs.

Recommended Torque
1.2 N·m

4.2 MT5I-□02L□J

[mm]



Screw / Nut
M8×2 pcs.

Recommended Torque
12.2 N·m

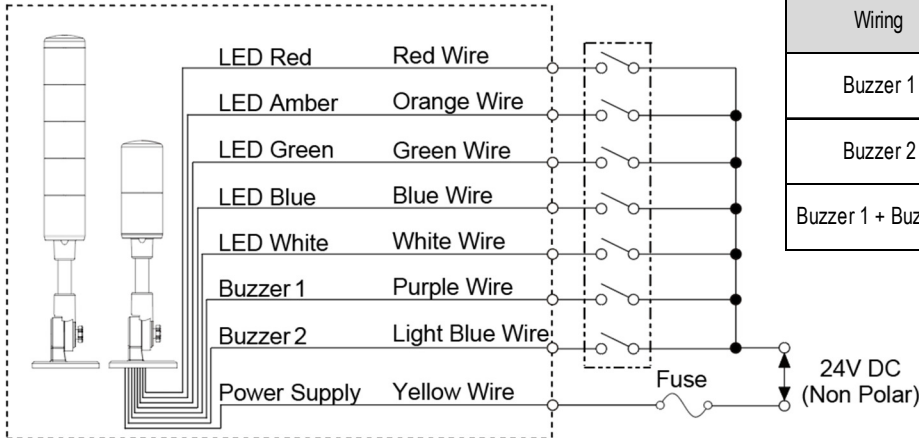
5. Wiring Diagram

5.1 Wiring Example

***Only the wiring that match with the product specifications is included.**

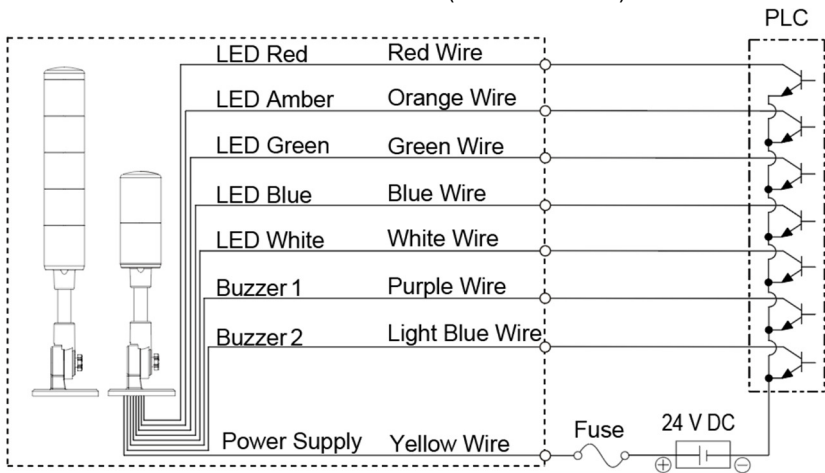
Recommended External Fuse
250V 1A Time Lag Type

5.1.1 External Contact Classification : Voltage Contact Relay



Wiring	Buzzer Sound
Buzzer 1	No.1 Continuous beep
Buzzer 2	No.2 Rapid intermittent beep
Buzzer 1 + Buzzer 2	No.3 Continuous beep (Reduced sound)

5.1.2 External Contact Classification : PLC (NPN Transistor)



5.1.3 External Contact Classification : PLC (PNP Transistor)

