MH4B Series

40mm Panel Mount Dome-type Illuminated Buzzer

- Robust, efficient, and easy-to-install
- Mounting hole diameter: Ø20-22 mm
- Red LED is on or blinks when the buzzer operates
- Buzzer volume: 80±5dB
- IP65 protection (front side)

Ordering Information

MH4B – C 02 F – Y

①

① Product type	C	Cable wiring type
	P	M12 connector plug type

②

② Voltage	01	12VDC
	02	24VDC

③

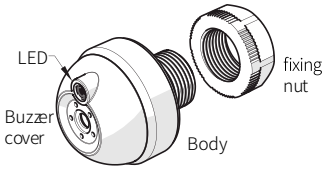
③ Sound type	F	Intermittent sound
	D	Continuous sound

④

④ Front cover color	Y	Yellow
	B	Black
	W	Dark Ivory

External Dimensions

unit: mm



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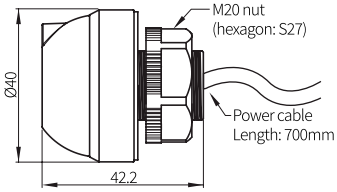

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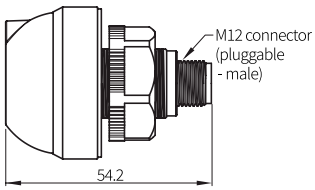

When installing the panel

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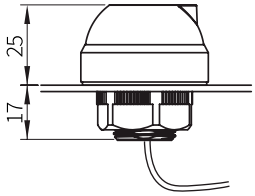

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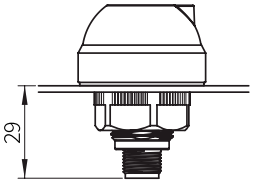
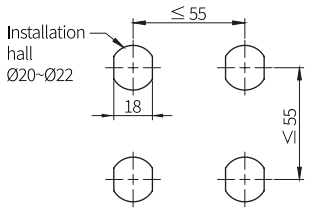




Specifications

Buzzer volume	80±5dB (at 1 m distance)
Sound type	Intermittent sound , Continuous sound
Fixing hole	Ø20 ~ Ø22 mm
Indicator light	Red LED (intermittent sound - LED flashing, continuous sound - LED on)
Material	ABS resin(body and fixing nut), PC resin(cover), M12 Connector Plug - Steel
Insulation Resistance	≥ 1,000MΩ (500VDC Mega standard)
Withstand voltage	500VAC, 50/60Hz for 1 minute (between power terminal and case)
Vibration-resistant	30Hz (1 minute cycle) 1 hours double amplitude 0.5mm in X, Y, Z respective direction
Ambient temperature	-15 ~ 50°C / 5°F ~ 122°F (no freezing)
Storage temperature	-25 ~ 65°C / -13°F ~ 149°F (no freezing)
Ambient humidity	35~85% RH (no condensation)
Degree of protection	IP65 (front side)
Certification	RoHS

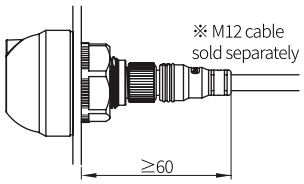
Power supply	12VDC ±10%	24VDC ±10%
Power supply	1color type: 40g	1color type: 116g
Current consumption	intermittent ≥ 30mA continuous ≥ 40mA	intermittent ≥ 30mA continuous ≥ 40mA

Cable spec.	MH4B-C type	UL2464, 22AWG, material: PVC, External dimensions: ø4mm, 700mm Allowable cable bending radius: 30 mm
Weight	MH4B-C	≈ 44 g
	MH4B-P	≈ 50 g

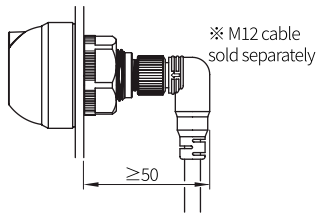
MH4B-P type M12 Connector Assembly Dimension

unit: mm

< Straight connector type >



< L type connector type >

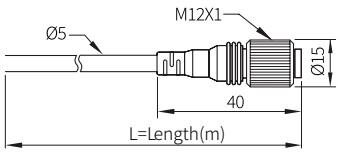


M12 connector wiring specifications (sold separately)

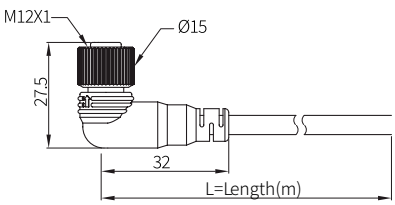
unit: mm

	Connection straight type		Connection part L-shaped	
M12 cable (4-wire, Socket-Female)	Product Name	Length	Product Name	Length
	CIDH4-2	2m	CLDH4-2	2m
	CIDH4-3	3m	CLDH4-3	3m
	CIDH4-5	5m	CLDH4-5	5m

< Socket - Female, Straight >

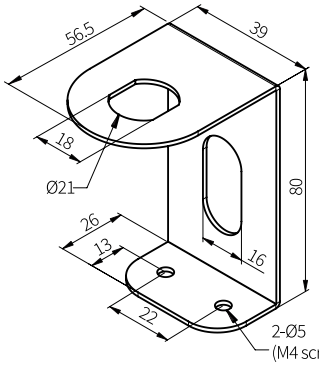


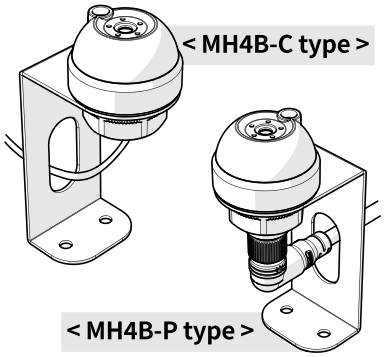
< Socket - Female, L type >



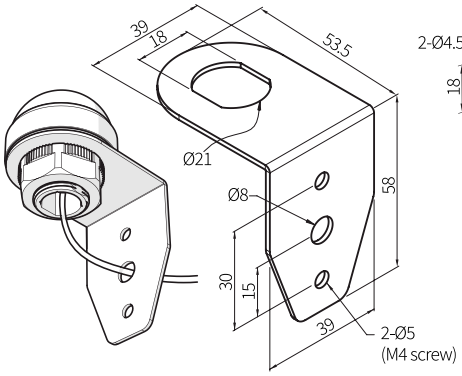
Optional parts of fixing bracket

Model: MAM-DS45
(Floor fixing bracket)

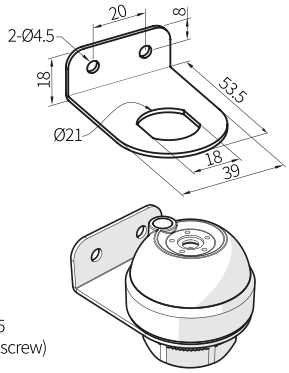




Model: MAM-DS46
(wall mount bracket)

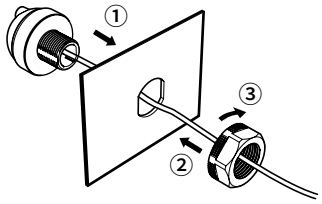


Model: MAM-DS47
(wall mount bracket)

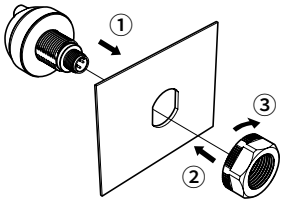


Product installation

MH4B-C type

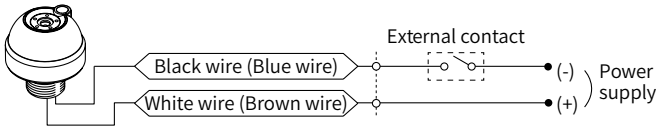


MH4B-P type



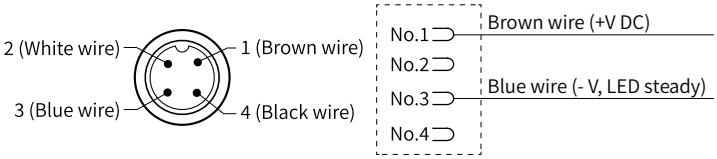
Wiring Diagram

MH4B-C type (Cable wiring type)



Be careful of polarity when connecting power.

MH4B-P type (M12 connector plug pins layout)



Be careful of polarity when connecting power.

Note