

MH4D Series

40mm Panel Mount Dome-type LED Indicator

- Robust, efficient, and easy-to-install
- Single-color or Multi-color models available
- Mounting hole diameter: Ø20-22 mm
- Lead wire or M12 connector plug type
- IP65 protection (front side)

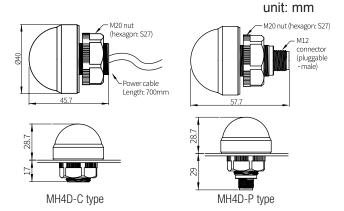
LED RÔHS (E

Ordering Information

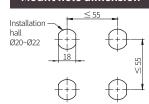
MH4D	-	Р	02	-	RG
		1	2		3

(1	.)	С	Cable wiring type					
Produc	t type	P	M12 connector plug type					
(2 Volt	age	02	24VDC					
		R	Red					
		Yellow						
	1Color type	G	Green					
		В	Blue					
(3)		W	White					
LED Colors		RG	Red/Green					
	Multi color	RB	Red/Blue					
	Willi Color	RYG	Red/Yellow/Green					
		RBG	Red/Blue/Green					

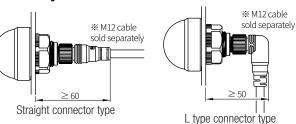
Dimensions



Mount hole dimension



MH4D-P type M12 Connector **Assembly Dimension**



unit: mm

Specifications

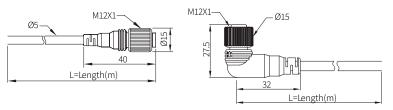
Power Supply	24V D0	C ±10%									
Function	LED steady										
Material	ABS resin(body and fixing nut), PC resin(cover), M12 Connector Plug - Steel										
Degree of Protection	IP65 (Fr	ront side)									
Ambient Temperature	-20 ~ 50°C / -4°F ~	122°F (no freezing)									
Storage Temperature	-30 ~ 70°C / -22°F ~ 158°F (no freezing)										
Ambient Humidity	45~85% RH (no condensation)										
Vibration-Resistant	30Hz (1 minute cycle) 1 hours double amplitude 0.5mm in X, Y, Z respective direction										
Certification	CE, RoHS										
	MH4D-C	MH4D-P									
Weight	1color type: 40g	1color type: 46g									
Cable Spec	UL2464, 22AWG, material: PVC, External dimensions: ø4mm, 700mm Allowable cable bending radius: 30 mm	4 pin cable: 22 AWG (0.08mm, 60 cores), Outer diameter of insualtor: Ø1.25mm									

	1 Color	2 Colors	3 Colors							
Current Consumption	Red: 26mA, Yellow: 24mA Green: 18mA Blue: 20mA White: 21mA	RG (Red/Green LED): 48mA RB (Red/Blue LED): 48mA	RYG (Red/Yellow/Green LED 65mA RBG (Red/Blue/Green LED) 60mA							
LED Color	R(Red), Y(Yellow), G(Green), B(Blue), W(White)	RG(Red/Green), RB(Red/ Blue)	RYG(Red/Yellow/Green) RBG(Red/Blue/Green)							
Lens Color	Red(Red LED) Yellow(Yellow LED) Green(Green LED) Blue(Blue LED) White(White LED)	Milky white (RG, RI	B, RYG, RBG LED)							
Product Brightness (±50cd/m²)	Red: 850 Yellow: 680 Green: 2250 Blue: 970 White: 4140	Red: 580 Green: 1850 Blue: 640	Red: 320 Yellow: 160 Green: 940 Blue: 350							

M12 connector wiring specifications unit: mm (sold separately)

M12 cable (4-wire, Socket-Female)

Connection	straight type	Connection part L-shaped								
Product Name	Length	Product Name	Length							
CIDH4-2	2m	CLDH4-2	2m							
CIDH4-3	3m	CLDH4-3	3m							
CIDH4-5	5m	CLDH4-5	5m							

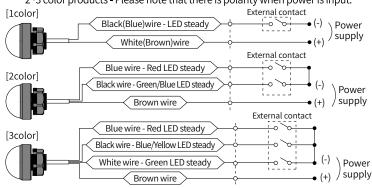


⁻ LED lifetime is app. 50,000 hours, depending on operating conditions and environment.
- Due to the nature of LEDs, color temperature, brightness and color will vary for each and every LED and

Wiring Diagram

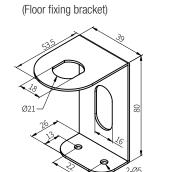
MH4D-C type

 ${\color{red} {\bf \Lambda}} \ 1 \ color \ product - no \ power \ polarity \\ 2~3 \ color \ products - Please \ note \ that \ there \ is \ polarity \ when \ power \ is \ input.$

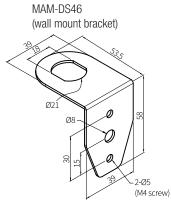


Optional parts of fixing bracket

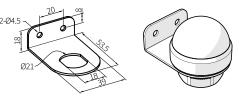
- (M4 screw)



Model: MAM-DS45

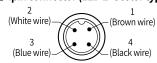


MAM-DS47 (wall mount bracket)



MH4D-P type

■ 4pin connector (LED 1~3color type)



No.1 ⊃-	Brown wire (+ 24VDC)
No.2	
¦ No.3 ⊃-	Blue wire (-V, Red LEDsteady)
110.5	Black wire (-V, Green or Blue LEDsteady)
; NO.4	

LED color according to wiring combination of 3 color product

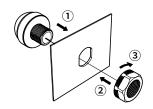
No	Wiring	RBG LED color	RYG LED color
1	Blue wire	Red	Red
2	Black wire	Blue	Yellow
3	White wire	Green	Green
4	Blue + White wire	Light green	Light green
5	Blue + Black wire	Pink	Red
6	White + Black wire	Skyblue	Green
7	Blue + White + Black wire	White	Yellow

1 color t	type
No.1 ⊃	Brown wire (+ 24VDC)
No.2⊃	
No.3 —	Blue wire (- V, LED steady)
No 4	

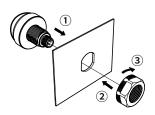
110.4 ;	
3 color type	
No.1 Brown wire (+ 24VDC)	
No.2 White wire (- V, Green LEDsteady)	
No.3 Blue wire (-V, Red LEDsteady)	
No.4 Black wire (- V, Blue/fellow LEDsteady))

% Color combination is possible only for 3-color LED RGB products. * In the case of LED RYG 3-color products, the effect of color combination is insignificant.

Product installation







MH4D-P type

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