



# Mi4D Series

40mm Surface Mount Dome-type LED Indicator



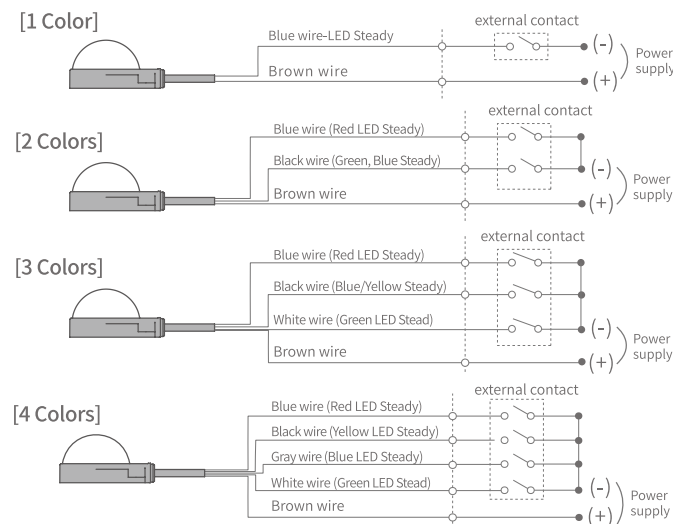
- Compact, stylish design with excellent visibility
- Space saving surface mounted type
- Single-color or Multi-color models available
- Lead wire or M12 connector cable type

## Ordering Information

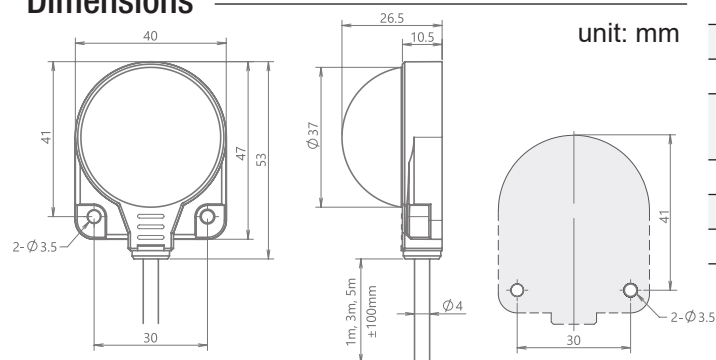
**Mi4D** - **02** **R** - **L3**  
 ① ② ③

① Voltage		02	24VDC
① LED Colors	1 Color	<b>R</b>	Red
		<b>Y</b>	Yellow
		<b>G</b>	Green
		<b>B</b>	Blue
		<b>W</b>	White
	Multi color	<b>RG</b>	Red/Green
		<b>RB</b>	Red/Blue
		<b>RYG</b>	5 color combinations
		<b>RBG</b>	7 color combinations
		<b>RYGB</b>	13 color combinations
② Length of Power Cable	Lead wire type	<b>L1</b>	1m
		<b>L3</b>	3m
		<b>L5</b>	5m
	Connector cable type	<b>CM</b>	150mm (M12, 4 or 5-pin)

## Wiring Diagram



## Dimensions



## Specifications

Power Supply	24vdc ±10%
Function	LED Steady
Material	Body - PA6 Resin, Lenses - PC Resin, Cable Bush - Aluminum
Fixing Method	Fix the body to the surface using M3 bolts (2 pcs)
Degree of Protection	IP65
Ambient Temperature	-20 ~ +50°C (No Freezing)
Storage Temperature	-30 ~ +70°C (No Freezing)
Ambient Humidity	45~85% RH (No Condensation)
Vibration-Resistant	30Hz (1 Minute Cycle) 1 Hours Double Amplitude 0.5mm in X, Y, Zrespective Direction
Certification	RoHS

	1 Color	2 Colors	3 Colors	4 Colors
Current ±5mA	Red LED - 26mA Yellow LED - 24mA Green LED - 18mA Blue LED - 20mA White LED - 21mA	RG LED - 48mA RB LED - 48mA	RYG LED - 65mA RBG LED - 60mA	RYGB LED 110mA
Weight (1m power cable)	app. 39g	app. 42g	app. 42g	app. 45g
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	RYGB Red / Yellow / Green / Blue
Lens Color	R - Red Lens Y - Yellow Lens G - Green Lens B - Blue Lens W - Clear Lens	Milky White Lens		
Cable Spec	UL2095 23AWG, PVC, External Dimensions: Ø4mm Allowable Cable Bending Radius: 30mm			UL2095 24AWGx5C, PVC External Dimensions: Ø5mm Allowable Cable Bending Radius: 60mm
Product luminance (cd/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	Red: 240 Yellow: 130 Green: 890 Blue: 320

- Due to characteristics of the LED, color temperature and brightness may differ in every product.

## Wiring for Color Combinations

3 Color Models			
No.	Wiring work	RBG LED	RYG LED
1	Blue Wire	Red	Red
2	Black Wire	Blue	Orange
3	White Wire	Green	Green
4	Blue+White Wire	Light Green	Light Green
5	Blue+Black wire	Pink	Red
6	White+Black wire	Cyan	Green
7	Blue+White+ Black	White	Yellow

4 Color Models		
No.	Wiring work	RYGB LED
1	Blue Wire	Red
2	Black Wire	Orange
3	White Wire	Green
4	Blue+White Wire	Chartreuse
5	Blue+Black wire	Coral
6	White+Black wire	Bright Green
7	Blue+White+ Black Wire	Light Green
8	Gray Wire	Blue
9	Gray+Blue Wire	Lilac
10	Gray+White Wire	Cyan
11	Gray+Black Wire	Periwinkle
12	Gray+ Blue+White Wire	Light Sky Blue
13	Gray+ White+ Black Wire	Light Blue