Mi4F Series

40mm Surface Mount Flat-type LED Indicator

- Compact, stylish design with excellent visibility
- Space saving surface mounted type
- Slim Profile for installing in narrow area Single-
- color or Multi-color models available
- Lead wire or M12 connector cable type

LED RoHS IP65

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

Ordering Information

Mi4F – 02 R – L3
　　　　① ② ③

① Voltage	02	02 - 24VDC

② LED Colors	1 color	R	Red
		Y	Yellow
		G	Green
		B	Blue
		W	White
	Multi color	RG	Red/Green
		RB	Red/Blue
		RYG	Red/Yellow/Green
		RBG	Red/Blue/Green

③ Length of Power Cable	Lead wire type	L1	1M
		L3	3M
		L5	5M
	M12 Connector Cable Type	CM	150mm

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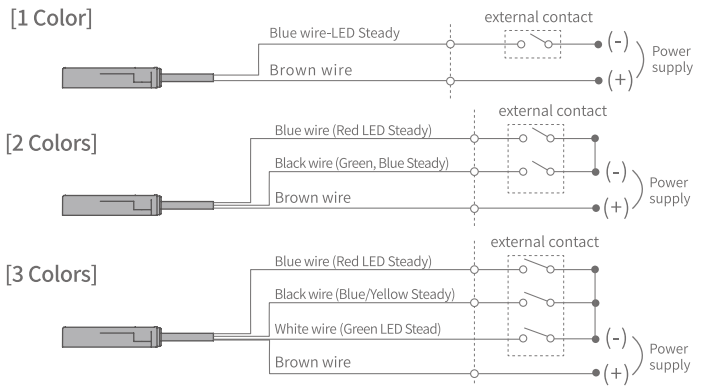|	1 Color	2 Colors	3 Colors
Current ±5mA	Red LED - 26mA Yellow LED - 24mA Green LED - 18mA Blue LED - 20mA White LED - 21mA	RG LED - 48mA RB LED - 48mA	RYG LED - 48mA RBG LED - 48mA
Weight (1M Power Cable)	app. 44g	app. 52g	app. 55g
LED Color	R - Red Y - Yellow G - Green B - Blue W - White	RG - Red / Green RB - Red / Blue	RYG - Red / Yellow / Green RBG - Red / Blue / Green
Lens Color	R - Red lens Y - Yellow lens G - Green lens B - Blue lens W - Clear lens	Clear lens	Clear lens
Cable Spec	UL2095 23AWG, PVC, External Dimensions: Ø4mm Allowable Cable Bending Radius: 30mm		
Product luminance (cd/m²)	Red:1200 Yellow:850 Green:3700 Blue:1700 White:5050	Red: 1050 Green: 3260 Blue: 1300	Red: 1050 Yellow: 600 Green: 3260 Blue: 1300

- Due to characteristics of the LED, color temperature, brightness and hue will differ for every LED and every product.

Wiring Diagram

[1 Color]

Blue wire-LED Steady
Brown wire
external contact
(-)
(+)
Power supply

[2 Colors]

Blue wire (Red LED Steady)
Black wire (Green, Blue Steady)
Brown wire
external contact
(-)
(+)
Power supply

[3 Colors]

Blue wire (Red LED Steady)
Black wire (Blue/Yellow Steady)
White wire (Green LED Stead)
Brown wire
external contact
(-)
(+)
Power supply

Dimensions

unit: mm

40
12
55
60
68
50
55
30
30
2-Ø3.5
2-Ø3.5
Ø4
1m, 3m, 5m ±100mm