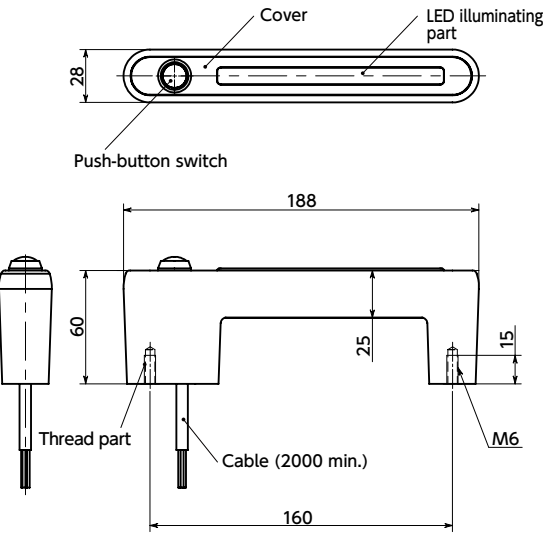




● Material/Finish

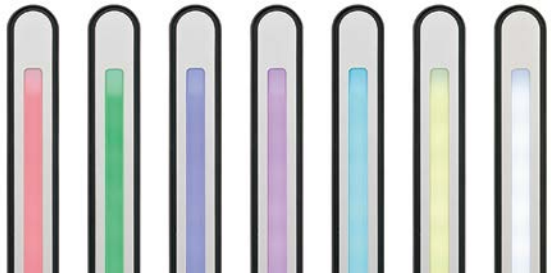
	UPIF-MSL
Main Body	Glass Fiber Reinforced Nylon 6
Push-Button Switch	Aluminum Alloy
Cover	Equivalent to SUS303
LED Illuminating Part	Aluminum Alloy
Thread Part	Anodized (Various Colors)
Cable	Acrylic Resin
	Steel
	Trivalent Chromate Treatment
	PVC



Part Number	Max. Allowable Load*1 (N)	Mass (g)
UPIF-MSL-BK	500	329
UPIF-MSL-BL	500	329
UPIF-MSL-SG	500	329

*1: Allowed load for a person.

- Plastic pulls combining switches and LEDs. Reduces design and installation trouble.
- The push-button switch can be used for contact switching, device and equipment control, etc.
- LED illuminated part enables confirmation of device and equipment status.
- Through a combination of three luminescent colors (red/green/blue), the LED illuminating part emits up to seven colors.



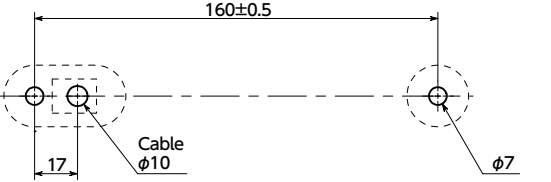
● Depending on the computer and monitor environment in use, the image color may appear different. Please take note.

- Cover colors can be selected by the end symbol of the part number.

End Symbol	Cover Color
BK	Anodized (Black)
BL	Anodized (Blue*1)
SG	Anodized (Silver)

*1: Due to the use of colored anodizing, color fluctuations may appear.

- Mounting hole
To prevent cable damage, be sure there are no burrs in the mounting hole.
Errors may appear in the mounting dimensions due to temperature or humidity.

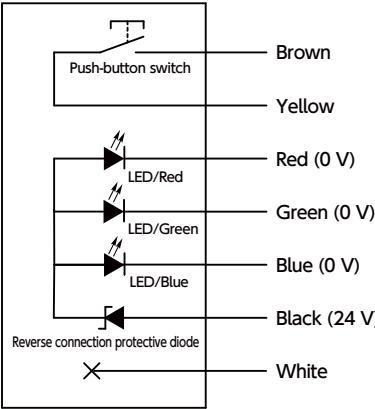


● Specifications

Push-Button Switch	Button Color	Silver
	Contact Type	a Contact (1NO)
	Activation Type	Momentary
	Rated Insulation Voltage	DC24V
	Rated Conduction Current	1.0A
	Mechanical Life	Approx. 1 Million Times
	Electrical Life	Approx. 200,000 Times
	Mechanical Allowable Operation Frequency	Max. 120 Times/min.
	Electrical Allowable Operation Frequency	Max. 20 Times/min.
	Luminescent Color	Red/Green/Blue
LED*1	Activation Voltage	24 VDC ± 10%
	Current Consumption	Each Color 20 mA (Max. 60 mA)
	Type	Fixing Cable
Cable	Outside Diameter	6.1 mm ± 0.2 mm
	No. of Cores	7C
	Conductor Size	0.3mm ²
	Length	2 m
	Bending Radius	37 mm or more
Operating Environment	Cable End Specifications	Discrete wire
	Temperature	−10℃ to 50℃ (no freezing)
	Humidity	45% RH to 85% RH (no condensation)

*1: The reference lifetime is approximately 40,000 hours. (when used in a 25℃ environment with one color lit)

● Connection



● Part Number Specification

UPIF-MSL-BK

Countries and regions where available: Japan, US, Canada, Mexico, China, South Korea, Taiwan

Cleanroom Wash & Packaging	Laser Marking
Not Available	Not Available