## Application

Industrial remote controller
Medical / Communication
適用於工控產品/醫療/通訊

SPECIFICATIONS

Rating : Ith 5A/250VAC resistive load 3A/250VAC
Contact Resistance : 50 mΩ max. @ 1A 12VDC
(initial value)
Insulation Resistance : 1,000 MΩ min. at 500VDC
Dielectric Strength : 2,000V RMS @ sea level
Operation Temperature : -20°C to 55°C
Mechanical Life : Momentary 1,000,000 cycles
Self-lock 500,000 cycles
Electrical Life : 50,000 make-and-break cycles
at full load
Torque : 5~14Nm
Panel Thickness : 10mm (Ø19.20mm)
Operation Pressure : 1Pole 1.5~2.5N
2Poles 2.2~3.5N
Travel : About 3.2mm
Ingress protection : IP67, IK10(Stainless)

CONTACT CONFIGURATION
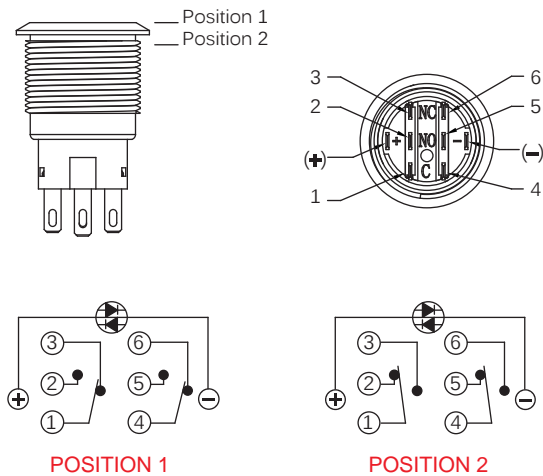
POSITION 1   POSITION 2

RoHS compliant   Pb lead-free

LIGHT TYPE

0
Mounting hole size: Ø19mm
Contact configuration: 1NO 1NC / 2NO 2NC
Operating type: Momentary / Self-locking
Light type: Without LED

R
Mounting hole size: Ø19mm
Contact configuration: 1NO 1NC / 2NO 2NC
Operating type: Momentary / Self-locking
Light type: Ring Illuminated (Fixed)

D
Mounting hole size: Ø19mm
Contact configuration: 1NO 1NC / 2NO 2NC
Operating type: Momentary / Self-locking
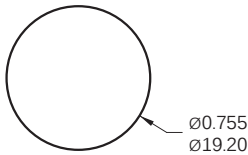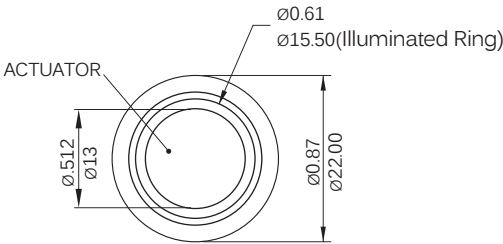Light type: Spot

P
Mounting hole size: Ø19mm
Contact configuration: 1NO 1NC / 2NO 2NC
Operating type: Momentary / Self-locking
Light type: Power logo

E
Mounting hole size: Ø19mm
Contact configuration: 1NO 1NC / 2NO 2NC
Operating type: Momentary / Self-locking
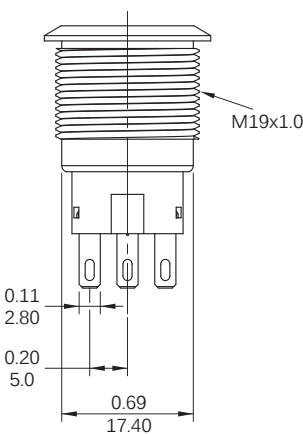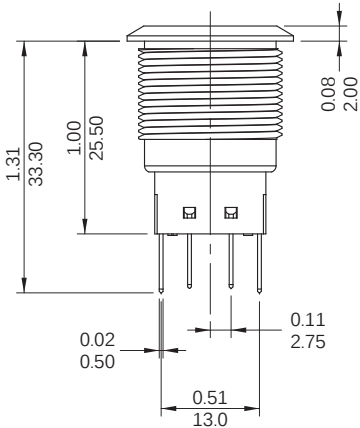Light type: Ring Illuminated (Moveable)

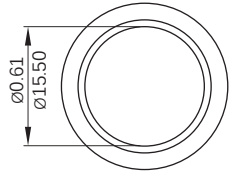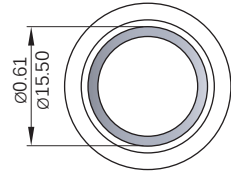| Material	Contact	Silver
	Bushing	Stainless steel
	Actuator	PC (UL 94-V2) ; Stainless steel
	Base	PBT (UL 94-V0)
LED Parameter	LED Type	R / D / P / E
	Rated Voltage	3V / 6V / 12V / 24 / 110V / 220V
	LED Color	White / Red / Yellow / Green / Blue

DIMENSION

Ø0.61
Ø15.50(Illuminated Ring)

ACTUATOR

Ø512
Ø13

Ø0.87
Ø22.00

Ø0.755
Ø19.20
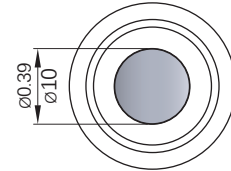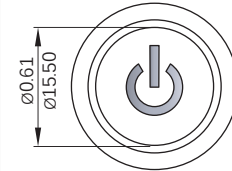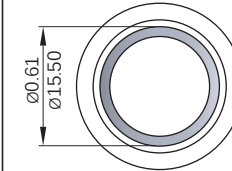
PANEL CUTOUT
MAX.PANEL THICKNESS: 10.0mm[0.39]

0.08
2.00

M19x1.0

1.31
33.30

1.00
25.50

0.11
2.75

0.02
0.50

0.51
13.0

0.11
2.80

0.20
5.0

0.69
17.40

Hardware

M19 Nut	O-Ring

Light type

Without LED	Ring (Fixed)	Spot	Power logo	Ring (Moveable)
Ø0.61 Ø15.50	Ø0.61 Ø15.50	Ø0.39 Ø10	Ø0.61 Ø15.50	Ø0.61 Ø15.50

HOW TO ORDER

MPB19 – ☐☐☐☐☐☐ – ☐☐ – ☐☐

Body type
A Stainless
B Brass
C Al alloy

Body color
0 Natural SUS
1 Mirror Chrome Plated
2 Nickel Plated
3 Black Anodized

Button type
F Flat

Contact Configuration
1 1NO 1NC
2 2NO 2NC

Operating type
0 Momentary
1 Lock

Light type
0 Without LED
R Ring (Fixed)
D Spot
P Power logo
E Ring (Moveable)

Terminal plating
Q Silver
R Gold

Terminal shape
J Solder Terminal

LED voltage
0 Without LED
3 3V
6 6V
12 12V
24 24V
110 110V
220 220V

LED color
0 Without LED
1 White
3 Red
5 Yellow
6 Green
7 Blue