



# Metal Push Button Switch

西普金属开关 Φ12mm

我們祇制造精品

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## MP12 金屬按鈕開關系列 MP12 Metal Push Button Switch Series



### >> 型號說明 Metal Push Button Switch

<b>頭部釋義</b> Head Type	F/平面 T/斜面 C/凹凸 H/高頭 B/球面 E/環形燈 D/中心燈 F/Flat T/Inclined C/Concave H/High B/Ball E/Ring lamp D/Center lamp	<b>燈珠顏色</b> LED Color		<b>帶燈電壓</b> LED Voltage	3V/6V/12V/24V/ 36V/48V/110V/ 220V
<b>外殼材料</b> Material	N/黃銅鍍鉻 A/鋅合金鍍鉻 S/不銹鋼 P/塑料 N/Chromium plated brass A/Zinc alloy plated chromium S/Stainless steel P/PC	<b>接線方式</b> Mode of connection	J/彈接式(1NO) 10/接線柱(1NO) 11/單刀(1NO,1NC) 22/雙刀(2NO,2NC) J/Pin terminal(1NO) 10/Wiring terminal(1NO) 11/Single pole(1NO,1NC) 22/Double knife(2NO,2NC)		
<b>操作類型</b> Operation	無字母表示自復 Z:自鎖 X:旋鈕 Y:鑰匙鈕 TS:急停鈕 M:蜂鳴 SM:閃光蜂鳴 No letter momentary Z:alternate X:selector Y:key lock switch TS:emergency push button M:buzzer SM:flash with buzzer				

### >> 開關結構說明 Switching Operation

型式Type	符號Sign	示意圖Diagram	說明Explanation
No.1			具有兩個端子的雙斷電復動開關 雙斷電產品可定制Y型常閉接觸，詳見產品說明 Using two terminals, double-break and slow-motion contact.
No.2			Y型NC開關可根據需要定制，請向本公司洽詢。 Y type NC switch can be made to order for individual product, pls check the product description.
No.3			

### >> 相關認證 Related certification

符合IEC60947-5-1 GB14048.5標準  
Conform to IEC60947-5-1 GB14048.5 Standard

### >> 開關結構說明 Switching Operation

額定絕緣電壓 Rated insulation voltage	250				
發熱電流 Heating current I <sub>th</sub>	3A 溫度不超過最大額定值所允許的電流 Temperature does not exceed the maximum allowed current				
額定使用電壓 Rated voltage	12V	24V	110V	220V	
額定使用電流 Rated current	交流AC 50/60Hz	電阻性負載 Resistive load	-	5A 3A	
	直流DC	電感性負載 Inductive load	-	3A 2A	
		電感性負載 Inductive load	5A	5A	1A 0.5A
		電感性負載 Inductive load	2A	2A	0.2A 0.1A
觸點材料 Contact material	銀鍍金 Silver Plated Gold				

最小適應負載 Minimum load: 3V AC/DC 5mA (參考值 Reference value)  
 (可使用範圍取決於使用環境和負載種類 Use the range depends on the use of the environment and the type of load)

### >> 燈珠規格 Lamp Ratings

燈珠類型 Lamp Type	雙向LED燈珠(交直流通用) LED lamp(AC/DC)	燈珠等效電路 Lamp Circuit diagram	
額定電壓 Rated Voltage	3V, 6V, 12V, 24V, 36V, 110V, 220V AC/DC	內置電阻：採用6V燈珠，需外接電阻。 採用交直流通用的LED燈珠，接線端子無正負極區分；60V以下燈珠已內置保護電阻。 Using AC/DC LED lamp, the terminals have no difference of anode and cathode. Using inner resistance for the lamp below 60V. Using 6V lamp when the lamp voltage is above 60V, and need connect outer dropping resistance.	
額定電流 Rated Current	約15mA 約2mA About 15mA About 2mA		
發光顏色 LED Color			
壽命 Life	4000小時(參考值) 40000 hours(Reference)		

注：如需單向直流LED燈珠可定做；其他電壓規格可按需求定做。  
DC LED and other voltage can be made to order.

### >> 按鈕效果圖 Button effect chart







MP10 金屬按鈕開關系列  
MP10 Metal Push Button Switch Series



MP10-12 金屬按鈕開關系列/ Metal Push Button Switch Series

產品外觀	技術參數	外形尺寸
	安裝尺寸Diameter: $\Phi$ 10mm 開關額定值Switch Rating: 3A/250VAC 開關組合Contact Configuration: 1NO 1NC 操作類型Operation Type: 自復型Momentary 自鎖型Maintained 頭部形狀The Front Shape: 高頭 High 外殼材料 The Crust Material: 不銹鋼Stainless steel 防護等級IP Degree: IP67, IK10	
	安裝尺寸Diameter: $\Phi$ 10mm 開關額定值Switch Rating: 3A/250VAC 開關組合Contact Configuration: 1NO 1NC 操作類型Operation Type: 自復型Momentary 自鎖型Maintained 頭部形狀The Front Shape: 高頭 High 帶燈方式Lamp type: 環形帶燈Ring Illuminated(LED) 外殼材料 The Crust Material: 不銹鋼Stainless steel 防護等級IP Degree: IP67, IK10	
	安裝尺寸Diameter: $\Phi$ 10mm 開關額定值Switch Rating: 3A/250VAC 開關組合Contact Configuration: 1NO 1NC 操作類型Operation Type: 自復型Momentary 自鎖型Maintained 頭部形狀The Front Shape: 高頭 High 帶燈方式Lamp type: 中心帶燈Dot Illuminated(LED) 外殼材料 The Crust Material: 不銹鋼Stainless steel 防護等級IP Degree: IP67, IK10	

產品規格	Specification	MP010S/H11	MP010S/H11-Δ▲E	MP010S/H11-Δ▲D
尾部配置	Terminal Type	接線插片Pin Terminal(1.8 x 0.4mm)	接線插片Pin Terminal(1.8 x 0.4mm)	接線插片Pin Terminal(1.8 x 0.4mm)
開關結構	Switching	No.3	No.3	No.3
開關規格	Max. Switch Rating	3A/250VAC	3A/250VAC	3A/250VAC
接觸電阻	Contact Resistance	$\leq 50m\Omega$	$\leq 50m\Omega$	$\leq 50m\Omega$
絕緣電阻	Insulation Resistance	$\geq 1000M\Omega$	$\geq 1000M\Omega$	$\geq 1000M\Omega$
絕緣強度	Dielectric Intensity	2000VAC	2000VAC	2000VAC
環境溫度	Operating Temp	-20°C~+55°C	-20°C~+55°C	-20°C~+55°C
機械壽命	Mechanical Life	100萬次以上 1,000,000 cycles	100萬次以上 1,000,000 cycles	100萬次以上 1,000,000 cycles
電氣壽命	Electrical Life	20萬次以上 200,000 cycles	20萬次以上 200,000 cycles	20萬次以上 200,000 cycles
面板厚度	Panel Thickness	1-6mm	1-6mm	1-6mm
螺母扭矩	Torque	5-14Nm	5-14Nm	5-14Nm
操作壓力	Operation Pressure	約5N About 5N	約5N About 5N	約5N About 5N
操作行程	Operation Travel	約2.5mm About 2.5mm	約2.5mm About 2.5mm	約2.5mm About 2.5mm
防護等級	IP Degree	IP67, IK08	IP67, IK08	IP67, IK08
材料	觸點	銀合金Silver alloy	銀合金Silver alloy	銀合金Silver alloy
	按鈕	不銹鋼Stainless steel	不銹鋼Stainless steel	不銹鋼Stainless steel
	外殼	不銹鋼Stainless steel	不銹鋼Stainless steel	不銹鋼Stainless steel
	底座	聚碳酸酯PC	聚碳酸酯PC	聚碳酸酯PC
RohS	RohS	可定制Made to order	可定制Made to order	可定制Made to order



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MP12 金屬按鈕開關系列/MP12 Metal Push Button Switch Series

產品外觀	技術參數	外形尺寸
	安裝尺寸Diameter: $\Phi$ 12mm 頭部顏色Color: 開關額定值Switch Rating: 2A/36VDC 開關組合Contact Configuration: 1NO 操作類型Operation Type: 自復型Momentary 外殼材料 The Crust Material: 鋅合金Zinc alloy 防護等級IP Degree: IP67, IK08	
	安裝尺寸Diameter: $\Phi$ 12mm 頭部顏色Color: 開關額定值Switch Rating: 2A/36VDC 開關組合Contact Configuration: 1NO 操作類型Operation Type: 自復型Momentary 外殼材料 The Crust Material: 鋅合金Zinc alloy 防護等級IP Degree: IP67, IK08	
	安裝尺寸Diameter: $\Phi$ 12mm 頭部顏色Color: 開關額定值Switch Rating: 2A/36VDC 開關組合Contact Configuration: 1NO 操作類型Operation Type: 自復型Momentary 外殼材料 The Crust Material: 黃銅鍍鉻Chromium plated brass 防護等級IP Degree: IP67, IK08	
	安裝尺寸Diameter: $\Phi$ 12mm 頭部顏色Color: 開關額定值Switch Rating: 2A/36VDC 開關組合Contact Configuration: 1NO 操作類型Operation Type: 自復型Momentary 外殼材料 The Crust Material: 黃銅鍍鉻Chromium plated brass 防護等級IP Degree: IP67, IK08	

產品規格	Specification	MP12A/BJ-▲	MP12A/B10-▲	MP12N/BJ-▲	MP12N/B10-▲
尾部配置	Terminal Type	接線插片Pin Terminal(2 x 0.8mm)	接線柱Wiring terminal	接線插片Pin Terminal(2 x 0.8mm)	接線柱Wiring terminal
開關結構	Switching	No.1	No.1	No.1	No.1
開關規格	Max. Switch Rating	2A/36VDC	2A/36VDC	2A/36VDC	2A/36VDC
接觸電阻	Contact Resistance	$\leq 50m\Omega$	$\leq 50m\Omega$	$\leq 50m\Omega$	$\leq 50m\Omega$
絕緣電阻	Insulation Resistance	$\geq 1000M\Omega$	$\geq 1000M\Omega$	$\geq 1000M\Omega$	$\geq 1000M\Omega$
絕緣強度	Dielectric Intensity	2000VAC	2000VAC	2000VAC	2000VAC
環境溫度	Operating Temp	-20°C~+55°C	-20°C~+55°C	-20°C~+55°C	-20°C~+55°C
機械壽命	Mechanical Life	100萬次以上 1,000,000 cycles	100萬次以上 1,000,000 cycles	100萬次以上 1,000,000 cycles	100萬次以上 1,000,000 cycles
電氣壽命	Electrical Life	20萬次以上 200,000 cycles	20萬次以上 200,000 cycles	20萬次以上 200,000 cycles	20萬次以上 200,000 cycles
面板厚度	Panel Thickness	1-6mm	1-6mm	1-6mm	1-6mm
螺母扭矩	Torque	5-14Nm	5-14Nm	5-14Nm	5-14Nm
操作壓力	Operation Pressure	約5N About 5N	約5N About 5N	約5N About 5N	約5N About 5N
操作行程	Operation Travel	約2.5mm About 2.5mm	約2.5mm About 2.5mm	約2.5mm About 2.5mm	約2.5mm About 2.5mm
防護等級	IP Degree	IP67, IK08	IP67, IK08	IP67, IK08	IP67, IK08
材料	觸點	銀合金Silver alloy	銀合金Silver alloy	銀合金Silver alloy	銀合金Silver alloy
	按鈕	聚碳酸酯PC	聚碳酸酯PC	聚碳酸酯PC	聚碳酸酯PC
	外殼	鋅合金Zinc alloy	鋅合金Zinc alloy	黃銅鍍鉻Chromium plated brass	黃銅鍍鉻Chromium plated brass
	底座	聚碳酸酯PC	聚碳酸酯PC	聚碳酸酯PC	聚碳酸酯PC
RohS	RohS	可定制Made to order	可定制Made to order	可定制Made to order	可定制Made to order


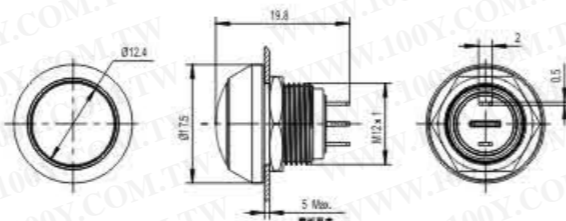

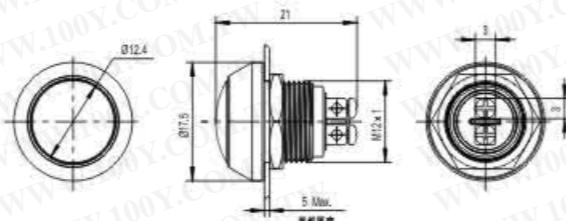

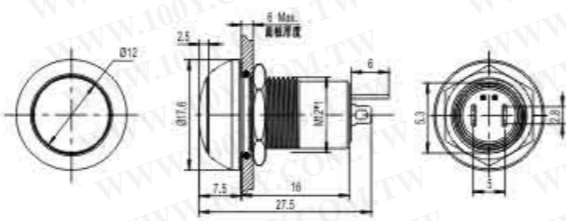



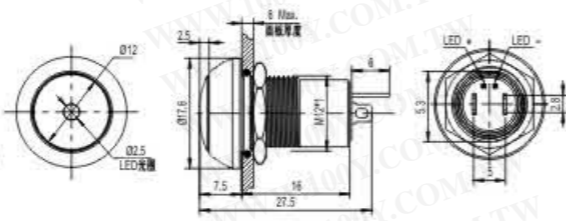




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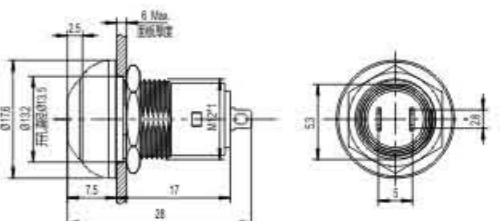

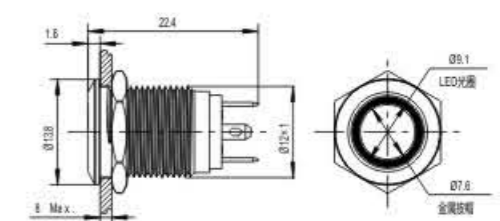

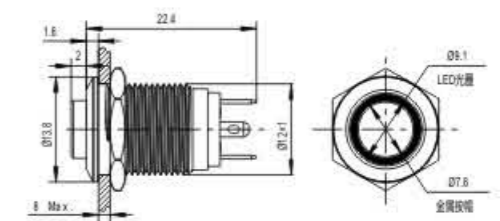

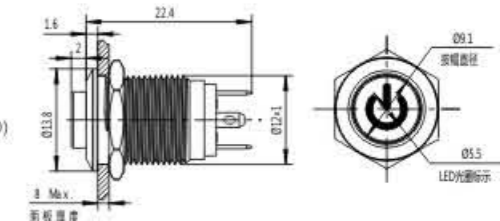
產品外觀	技術參數	外形尺寸
 MP12S/BJ	安裝尺寸Diameter: Φ12mm 開關額定值Switch Rating: 2A/36VDC 開關組合Contact Configuration: 1NO 操作類型Operation Type: 自復型Momentary 外殼材料 The Crust Material: 不銹鋼Stainless steel/ 銅鍍鍍Copper plating 防護等級IP Degree: IP67, IK08	
 MP12S/B10	安裝尺寸Diameter: Φ12mm 開關額定值Switch Rating: 2A/36VDC 開關組合Contact Configuration: 1NO 操作類型Operation Type: 自復型Momentary 外殼材料 The Crust Material: 不銹鋼Stainless steel/ 銅鍍鍍Copper plating 防護等級IP Degree: IP67, IK08	
 MP12N/BJZ	安裝尺寸Diameter: Φ12mm 開關額定值Switch Rating: 2A/36VDC 開關組合Contact Configuration: 1NO 操作類型Operation Type: 自鎖型Maintained 外殼材料 The Crust Material: 不銹鋼Stainless steel/ 銅鍍鍍Copper plating 防護等級IP Degree: IP67, IK08	
 MP12N/BJ-Δ▲D	安裝尺寸Diameter: Φ12mm 頭部顏色Color:  燈珠顏色Color:  開關額定值Switch Rating: 2A/36VDC 開關組合Contact Configuration: 1NO 操作類型Operation Type: 自鎖型Maintained 帶燈方式Lamp type: 中心帶燈Dot Illuminated(LED) 外殼材料The Crust Material: 不銹鋼Stainless steel/ 銅鍍鍍Copper plating 防護等級IP Degree: IP67, IK08	

產品規格	Specification	MP12S/BJ	MP12S/B10	MP12N/BJZ	MP12N/BJ-Δ▲D
尾部配置	Terminal Type	接線插片Pin Terminal(2×0.8mm)	接線柱Wiring terminal	接線插片Pin Terminal(2×0.8mm)	接線插片Pin Terminal(2×0.8mm)
開關結構	Switching	No.1	No.1	No.1	No.1
開關規格	Max. Switch Rating	2A/36VDC	2A/36VDC	2A/36VDC	2A/36VDC
接觸電阻	Contact Resistance	≤50mΩ	≤50mΩ	≤50mΩ	≤50mΩ
絕緣電阻	Insulation Resistance	≥1000MΩ	≥1000MΩ	≥1000MΩ	≥1000MΩ
絕緣強度	Dielectric Intensity	2000VAC	2000VAC	2000VAC	2000VAC
環境溫度	Operating Temp	-20°C~+55°C	-20°C~+55°C	-20°C~+55°C	-20°C~+55°C
機械壽命	Mechanical Life	100萬次以上 1,000,000 cycles	100萬次以上 1,000,000 cycles	100萬次以上 1,000,000 cycles	100萬次以上 1,000,000 cycles
電氣壽命	Electrical Life	20萬次以上 200,000 cycles	20萬次以上 200,000 cycles	20萬次以上 200,000 cycles	20萬次以上 200,000 cycles
面板厚度	Panel Thickness	1-6mm	1-6mm	1-6mm	1-6mm
螺母扭矩	Torque	5-14Nm	5-14Nm	5-14Nm	5-14Nm
操作壓力	Operation Pressure	約5N About 5N	約5N About 5N	約5N About 5N	約5N About 5N
操作行程	Operation Travel	約2.5mm About 2.5mm	約2.5mm About 2.5mm	約2.5mm About 2.5mm	約2.5mm About 2.5mm
防護等級	IP Degree	IP67, IK08	IP67, IK08	IP67, IK08	IP67, IK08
材料	觸點	銀合金Silver alloy	銀合金Silver alloy	銀合金Silver alloy	銀合金Silver alloy
	按鈕	不銹鋼Stainless steel/銅鍍鍍Copper plating	不銹鋼Stainless steel/銅鍍鍍Copper plating	不銹鋼Stainless steel/銅鍍鍍Copper plating	聚碳酸酯PC
	外殼	不銹鋼Stainless steel/銅鍍鍍Copper plating	不銹鋼Stainless steel/銅鍍鍍Copper plating	不銹鋼Stainless steel/銅鍍鍍Copper plating	不銹鋼Stainless steel/銅鍍鍍Copper plating
	底座	聚碳酸酯PC	聚碳酸酯PC	聚碳酸酯PC	聚碳酸酯PC
RohS	RohS	可定制Made to order	可定制Made to order	可定制Made to order	可定制Made to order

MP12 金屬按鈕開關系列  
MP12 Metal Push Button Switch Series



MP12 金屬按鈕開關系列/MP12 Metal Push Button Switch Series

產品外觀	技術參數	外形尺寸
 MP12N/BJZ-▲	安裝尺寸Diameter: Φ12mm 頭部顏色Color:  開關額定值Switch Rating: 2A/36VDC 開關組合Contact Configuration: 1NO 操作類型Operation Type: 自鎖型Maintained 外殼材料 The Crust Material: 不銹鋼Stainless steel/ 銅鍍鍍Copper plating 防護等級IP Degree: IP67, IK08	
 MP12S/F2J-▲▲E	安裝尺寸Diameter: Φ12mm 燈珠顏色Color:  開關額定值Switch Rating: 2A/36VDC 開關組合Contact Configuration: 1NO 操作類型Operation Type: 自復型Momentary 帶燈方式Lamp type: 環形帶燈Ring Illuminated(LED) 外殼材料The Crust Material: 不銹鋼Stainless steel 防護等級IP Degree: IP67, IK08	
 MP12S/H2J-▲▲E	安裝尺寸Diameter: Φ12mm 燈珠顏色Color:  開關額定值Switch Rating: 2A/36VDC 開關組合Contact Configuration: 1NO 操作類型Operation Type: 自復型Momentary 帶燈方式Lamp type: 環形帶燈Ring Illuminated(LED) 外殼材料The Crust Material: 不銹鋼Stainless steel 防護等級IP Degree: IP67, IK08	
 MP12S/H2J-▲▲DY	安裝尺寸Diameter: Φ12mm 燈珠顏色Color:  開關額定值Switch Rating: 2A/36VDC 開關組合Contact Configuration: 1NO 操作類型Operation Type: 自復型Momentary 帶燈方式Lamp type: 電源標Power symbol Illuminated(LED) 外殼材料 The Crust Material: 不銹鋼Stainless steel/ 銅鍍鍍Copper plating 防護等級IP Degree: IP67, IK08	

產品規格	Specification	MP12N/BJZ-▲	MP12S/F2J-▲▲E	MP12S/H2J-▲▲E	MP12S/H2J-▲▲DY
尾部配置	Terminal Type	接線插片Pin Terminal(2×0.8mm)	接線插片Pin Terminal(2×0.8mm)	接線插片Pin Terminal(2×0.8mm)	接線插片Pin Terminal(2×0.8mm)
開關結構	Switching	No.1	No.1	No.1	No.1
開關規格	Max. Switch Rating	2A/36VDC	2A/36VDC	2A/36VDC	2A/36VDC
接觸電阻	Contact Resistance	≤50mΩ	≤50mΩ	≤50mΩ	≤50mΩ
絕緣電阻	Insulation Resistance	≥1000MΩ	≥1000MΩ	≥1000MΩ	≥1000MΩ
絕緣強度	Dielectric Intensity	2000VAC	2000VAC	2000VAC	2000VAC
環境溫度	Operating Temp	-20°C~+55°C	-20°C~+55°C	-20°C~+55°C	-20°C~+55°C
機械壽命	Mechanical Life	100萬次以上 1,000,000 cycles	100萬次以上 1,000,000 cycles	100萬次以上 1,000,000 cycles	100萬次以上 1,000,000 cycles
電氣壽命	Electrical Life	20萬次以上 200,000 cycles	20萬次以上 200,000 cycles	20萬次以上 200,000 cycles	20萬次以上 200,000 cycles
面板厚度	Panel Thickness	1-6mm	1-6mm	1-6mm	1-6mm
螺母扭矩	Torque	5-14Nm	5-14Nm	5-14Nm	5-14Nm
操作壓力	Operation Pressure	約5N About 5N	約5N About 5N	約5N About 5N	約5N About 5N
操作行程	Operation Travel	約2.5mm About 2.5mm	約2.5mm About 2.5mm	約2.5mm About 2.5mm	約2.5mm About 2.5mm
防護等級	IP Degree	IP67, IK08	IP67, IK08	IP67, IK08	IP67, IK08
材料	觸點	銀合金Silver alloy	銀合金Silver alloy	銀合金Silver alloy	銀合金Silver alloy
	按鈕	聚碳酸酯PC	不銹鋼Stainless steel	不銹鋼Stainless steel	不銹鋼Stainless steel
	外殼	不銹鋼Stainless steel/銅鍍鍍Copper plating	不銹鋼Stainless steel	不銹鋼Stainless steel	不銹鋼Stainless steel
	底座	聚碳酸酯PC	聚碳酸酯PC	聚碳酸酯PC	聚碳酸酯PC
RohS	RohS	可定制Made to order	可定制Made to order	可定制Made to order	可定制Made to order





**MP12 金屬按鈕開關系列**  
MP12 Metal Push Button Switch Series

勝特力材料 886-3-5753170  
勝特力電子(上海) 86-21-34970699  
勝特力電子(深圳) 86-755-83298787  
Http://www.100y.com.tw



MP12 金屬按鈕開關系列/MP12 Metal Push Button Switch Series

產品外觀

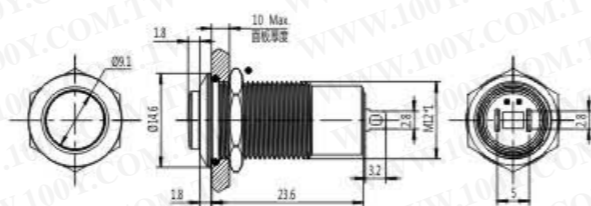
技術參數

外形尺寸



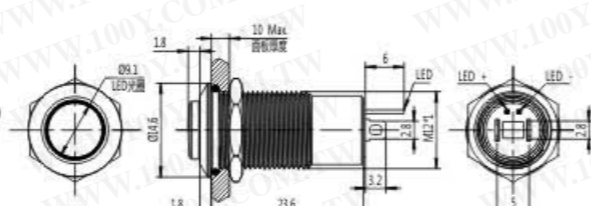
MP12S/HJZ

安裝尺寸Diameter:  $\Phi$ 12mm  
開關額定值Switch Rating: 2A/36VDC  
開關組合Contact Configuration: 1NO  
操作類型Operation Type: 自鎖型Maintained  
外殼材料  
The Crust Material: 不銹鋼Stainless steel  
防護等級IP Degree: IP67, IK08



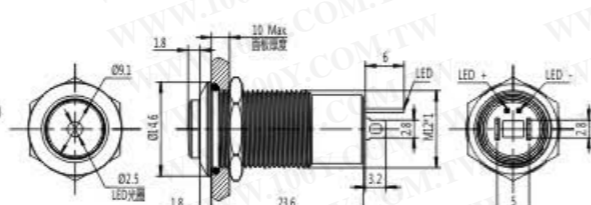
MP12S/HJZ-Δ▲E

安裝尺寸Diameter:  $\Phi$ 12mm  
燈珠顏色Color: ■ ■ ■ ■ ■ ■ ■  
開關額定值Switch Rating: 2A/36VDC  
開關組合Contact Configuration: 1NO  
操作類型Operation Type: 自鎖型Maintained  
帶燈方式Lamp type: 環形帶燈Ring Illuminated(LED)  
外殼材料The Crust Material: 不銹鋼Stainless steel  
防護等級IP Degree: IP67, IK08



MP12S/HJZ-Δ▲D

安裝尺寸Diameter:  $\Phi$ 12mm  
燈珠顏色Color: ■ ■ ■ ■ ■ ■ ■  
開關額定值Switch Rating: 2A/36VDC  
開關組合Contact Configuration: 1NO  
操作類型Operation Type: 自鎖型Maintained  
帶燈方式Lamp type: 中心帶燈Dot Illuminated(LED)  
外殼材料The Crust Material: 不銹鋼Stainless steel  
防護等級IP Degree: IP67, IK08



產品規格	Specification	MP12S/HJZ	MP12S/HJZ-Δ▲E	MP12S/HJZ-Δ▲D
尾部配置	Terminal Type	接線插片Pin Terminal(1.5x0.5mm)	接線插片Pin Terminal(1.5 x 0.5mm)	接線插片Pin Terminal(1.5 x 0.5mm)
開關結構	Switching	No.1	No.1	No.1
開關規格	Max. Switch Rating	2A/36VDC	2A/36VDC	2A/36VDC
接觸電阻	Contact Resistance	≤50mΩ	≤50mΩ	≤50mΩ
絕緣電阻	Insulation Resistance	≥1000MΩ	≥1000MΩ	≥1000MΩ
絕緣強度	Dielectric Intensity	2000VAC	2000VAC	2000VAC
環境溫度	Operating Temp	-20°C~+55°C	-20°C~+55°C	-20°C~+55°C
機械壽命	Mechanical Life	100萬次以上 1,000,000 cycles	100萬次以上 1,000,000 cycles	100萬次以上 1,000,000 cycles
電氣壽命	Electrical Life	20萬次以上 200,000 cycles	20萬次以上 200,000 cycles	20萬次以上 200,000 cycles
面板厚度	Panel Thickness	1-6mm	1-6mm	1-6mm
螺母扭矩	Torque	5-14Nm	5-14Nm	5-14Nm
操作壓力	Operation Pressure	約5N About 5N	約5N About 5N	約5N About 5N
操作行程	Operation Travel	約2.5mm About 2.5mm	約2.5mm About 2.5mm	約2.5mm About 2.5mm
防護等級	IP Degree	IP67, IK08	IP67, IK08	IP67, IK08
材料	觸點	銀合金Silver alloy	銀合金Silver alloy	銀合金Silver alloy
	按鈕	不銹鋼Stainless steel	不銹鋼Stainless steel	不銹鋼Stainless steel
	外殼	不銹鋼Stainless steel	不銹鋼Stainless steel	不銹鋼Stainless steel
	底座	聚碳酸酯PC	聚碳酸酯PC	聚碳酸酯PC
RohS	RohS	可定制Made to order	可定制Made to order	可定制Made to order