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SWITCHES



玄 燕

HSUAN YEN

玄燕電子國際有限公司

惠州市恒際電子有限公司

CATALOGUE

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頁次: 1 of 7
發證日期: 105 年 08 月 16 日

測試報告

報告編號: 16-08-VAA-023
委託公司: 玄燕電子國際有限公司
委託公司住址: 台南市永康區正南一街 92 巷 37 弄 9 號 1 樓
檢物品: 開關
型號: PTM16
數量: 2 個
收件日期: 105 年 08 月 02 日
檢日期: 105 年 08 月 04 日
檢規範: 參照申請廠商規範
IEC 60529 Edition 2.1 2001-02
CNS 14165 87 年版
周圍環境: 溫度 25℃, 相對濕度 54%, 大氣壓力 980 mbar
檢項目: IP68
檢條件&結果: 請參閱測試條件&結果

一般須知: 本報告僅對測試樣品負責, 未經本中心書面許可不得部分摘錄複製, 但全部複製除外。

財團法人台灣電子檢驗中心

報告簽署人:



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委託公司住址: 台南市永康區正南一街 92 巷 37 弄 9 號 1 樓
檢物品: 開關
型號: PTM19
數量: 2 個
收件日期: 105 年 08 月 02 日
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檢規範: 參照申請廠商規範
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財團法人台灣電子檢驗中心

報告簽署人:



Verification No.: CLTW17041310606



VERIFICATION OF LVD COMPLIANCE

Applicant: HSUAN YEN Electronics International CO., LTD.
No. 9, Alley 37, Lane 92, Jhengnan 1st St., Yongkang Dist.,
Tainan City, Taiwan, R.O.C.
Manufacturer: The same as the applicant
Product Description: Push Button Switch
Model No: PX12, PX16, PX19, PX25
Technical Data: 220V~250V, 3A, 50Hz~60Hz, IP67
Sufficient samples of the product have been tested and found to be in conformity with
Test Standard: EN 60947-1:2007+A2:2014
EN 60947-5-1:2004+A1:2009
As shown in the
Test Report Number(s): TLTW17041310606
Date of issue: April 21, 2017

Conclusion

This Verification of LVD Compliance has been granted to the applicant based on the results of tests, performed by laboratory of Global Testing Services Co., Ltd on sample of the above-mentioned product in accordance with the provisions of the relevant specific standards and the Low Voltage Directive 2014/05/EU. The CE marking as shown below can be affixed, under the responsibility of the manufacturer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives. The affixing of the CE marking presumes in addition that the conditions in annexes II and IV of the Directive are fulfilled.

Approved by: Hermann Weiher

For and on behalf of
Global Testing Services Co., Ltd



Global Testing Services Co., Ltd
E-mail: info@gts-hk.com http://www.gts-hk.com
No. 98 Midling Nipon Road, Midling District, Shanghai 201104 China

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頁次: 1 of 13
發證日期: 104 年 09 月 08 日

測試報告

報告編號: 15-07-VAA-070
委託公司: 玄燕電子國際有限公司
委託公司住址: 台南市永康區正南一街 92 巷 37 弄 9 號
檢物品: 金屬開關
型號: PBM25, PBM22, PBM19, PBM16.
數量: 4 個
收件日期: 104 年 07 月 16 日
檢日期: 104 年 08 月 18 日
檢規範: 參照申請廠商規範
IEC 60529 Edition 2.1 2001-02
CNS 14165
周圍環境: 溫度 24℃, 相對濕度 60%, 大氣壓力 980 mbar
檢項目: IPX7
檢條件&結果: 請參閱測試條件&結果

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財團法人台灣電子檢驗中心

報告簽署人:



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金屬開關編碼原則 Coding Principle of Anti-Vandal Switch

PBM Series
系列號

16	C	13	M	F	S	R	U	6	S	N	S																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Mounting Hole 開孔尺寸	8	φ8mm	Switch Assemble 開關組合	Operation type 操作類型	Button Type 按鍵形狀	Button Color 按鍵顏色	Light Type 發光形狀	Lamp Color 燈顏色	Lamp Voltage 燈電壓	Body Material 外殼材質	Surface Plated 表面處理	Terminal Shape 焊線形狀																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	10	φ10mm										S	SUS 不銹鋼	Black Oxide 氧化黑	Solder Terminal 焊線端子																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	12	φ12mm										N	Without LED	White 白色	Spot 點狀	Without LED	White 白色	W	Red 紅色	R	Green 綠色	G	Blue 藍色	U	Yellow 黃色	Y	Orange 橘色	O	2 Color 雙色	註																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	16	φ16mm	22	8P	I	Indicator 指示燈	R	Round 圓弧柄	H	High 高柄	Key Button 鑰匙鈕	M	Mushroom 蘑菇型	R2	Ring 環狀 (透明)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	19	φ19mm	13	3P	O	NO										SS	Multipoint 多點狀	E	電源符號	C	循環符號 (蘑菇型用)	Q	環狀 + 電源符號																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	22	φ22mm	23	6P	NC	NO																		NC	NO	Black 黑色	B	Natural 金屬本色	S																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	25	φ25mm	Special Length 特殊尺寸	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 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總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm	φ19	Total Length 總長	25.5mm	C	Switch Assemble 11M Only	φ16	Total Length 總長	Z-24mm M-21.4mm



PBM12										
產品型號 Hsuanyen Series	開關組合 Switch Combination	操作類型 Operation type	頭部形狀 Head Style	按鍵顏色 Button color	發光類型 Emitting type	發光顏色 Emitting color	帶燈電壓 Voltage with Light	外殼材質 Hull Material	表面處理 Surface Plated	接線類型 Connection
	11 1NO	M 複位 Momentary Z 自鎖 Lock	F 平柄 Flat R 圓弧柄 Round H 高柄 High	W 白 White R 紅 Red G 綠 Green U 藍 Blue Y 黃 Yellow B 黑 Black S 原色 Natural	N 不帶燈 None R 環狀 Ring E 電源符號 Power S 點狀 Spot	N 不帶燈 None R 紅 Red G 綠 Green Y 黃 Yellow O 橙 Orange U 藍 Blue W 白 White	N Without LED 3 3V 6 6V 12 12V 24 24V 36 36V 110 110V 220 220V 其他電壓可訂做 Other voltages can be customized	N 黃銅鍍鎳 Brass nickelplating	N 不銹鋼 Stainless Steel	S 焊線端子 Solder Terminal L 接線柱式 Connection column

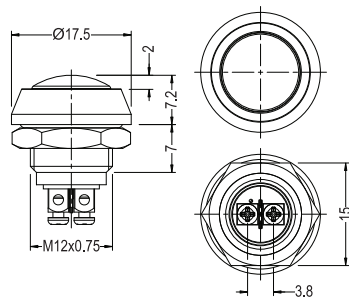
技術參數 Technology Parameters

安裝孔尺寸	Installation hole size	Ø12mm
開關額定值	Switch rated value	2A
開關組合	Switch combination	1NO
操作類型	Operation type	M : 複位 Momentary Z : 自鎖 Lock
接觸電阻	Contact resistance	≤50mΩ
絕緣電阻	Insulation resistance	≥1,000MΩ
絕緣強度	Insulation strength	2,000VAC
環境溫度	Ambient temperature	-20℃~+55℃
機械壽命	Mechanical life	100萬次以上 >1million times
電器壽命	Appliance life	20萬次以上 >0.2million times
螺母扭矩	Nut torque	5~14N.m
操作壓力	Operation pressure	≤3N
操作行程	Operation stroke	≤2mm
防水等級	Waterproof	IP65
防護等級	Protection Grade	IK08

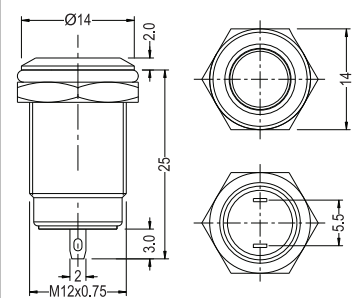
材料 Material

外殼/按鍵	Hull/Key	不銹鋼/黃銅鍍鎳/鋁合金氧化	Stainless Steel/ Brass nickelplating/Aluminum oxide
基座	Base	工程塑料	Engineering Plastics
觸點	Contact	銀合金	Silver alloy

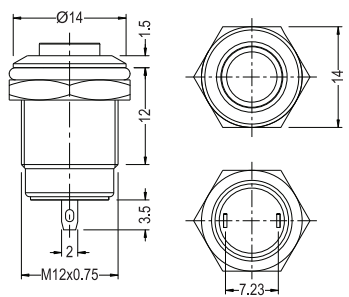
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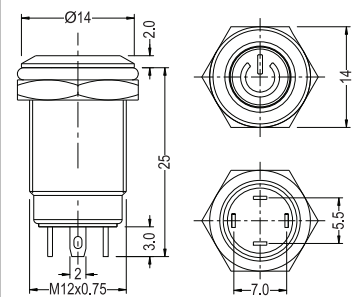
PBM12-11Z-FS-NNN-NN-S



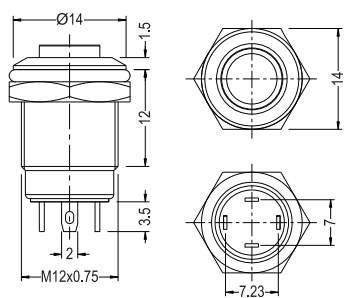
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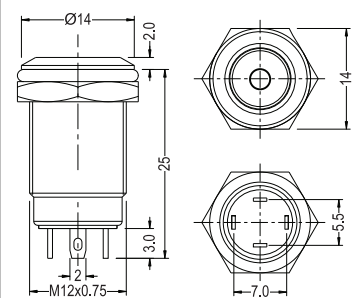
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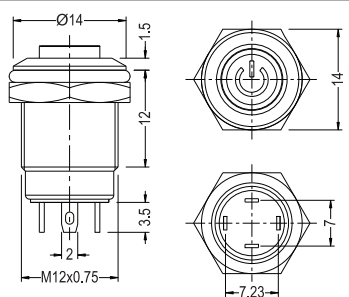
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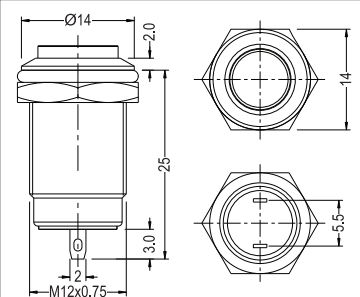
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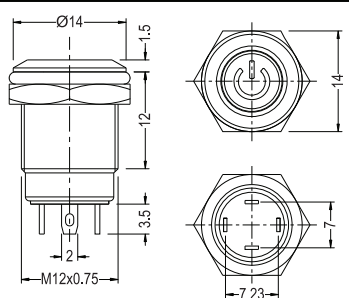
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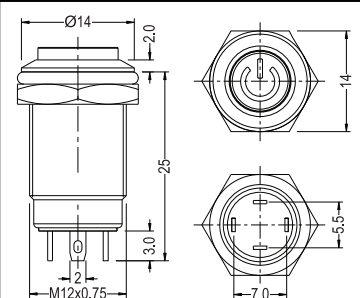
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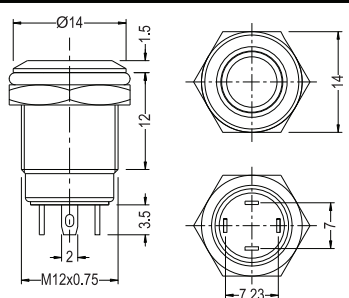
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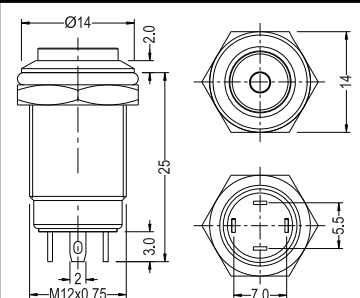
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PBM12-11M-FS-R□□-NN-S



PBM12-11Z-HS-S□□-NN-S





PBM16										
產品型號 Hsuanyen Series	開關組合 Switch Combination	操作類型 Operation type	頭部形狀 Head Style	按鍵顏色 Button color	發光類型 Emitting type	發光顏色 Emitting color	帶燈電壓 Voltage with Light	外殼材質 Hull Material	表面處理 Surface Plated	接線類型 Connection
	11 1NO	M 複位 Momentary	F 平柄 Flat R 圓弧柄 Round H 高柄 High	W 白 White R 紅 Red G 綠 Green U 藍 Blue Y 黃 Yellow B 黑 Black S 原色 Natural	N 不帶燈 None R 環狀 Ring E 電源符號 Power S 點狀 Spot	N 不帶燈 None R 紅 Red G 綠 Green Y 黃 Yellow O 橙 Orange U 藍 Blue W 白 White	N Without LED 3 3V 6 6V 12 12V 24 24V 36 36V 110 110V 220 220V 其他電壓可訂做 Other voltages can be customized	S 不銹鋼 Stainless Steel	N 不銹鋼 Stainless Steel	S 焊線端子 Solder Terminal L 接線柱式 Connection column

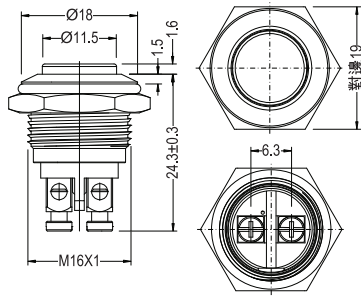
技術參數 Technology Parameters

安裝孔尺寸	Installation hole size	Ø16mm
開關額定值	Switch rated value	2A
開關組合	Switch combination	1NO
操作類型	Operation type	M : 複位 Momentary
接觸電阻	Contact resistance	≤50mΩ
絕緣電阻	Insulation resistance	≥ 1,000MΩ
絕緣強度	Insulation strength	2,000VAC
環境溫度	Ambient temperature	-20℃~+55℃
機械壽命	Mechanical life	100萬次以上 > 1million times
電器壽命	Appliance life	20萬次以上 > 0.2million times
螺母扭矩	Nut torque	5~14N.m
操作壓力	Operation pressure	≤3N
操作行程	Operation stroke	≤2mm
防水等級	Waterproof	IP65
防護等級	Protection Grade	IK08

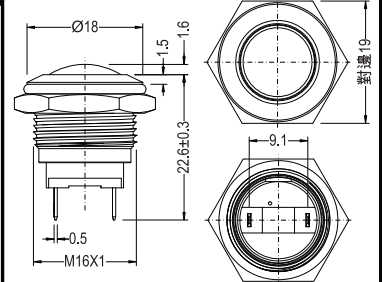
材料 Material

外殼/按鍵	Hull/Key	不銹鋼/黃銅鍍銀/鋁合金氧化	Stainless Steel/ Brass nickelage/Aluminum oxide
基座	Base	工程塑料	Engineering Plastics
觸點	Contact	銀合金	Silver alloy

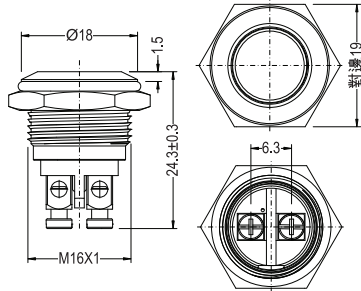
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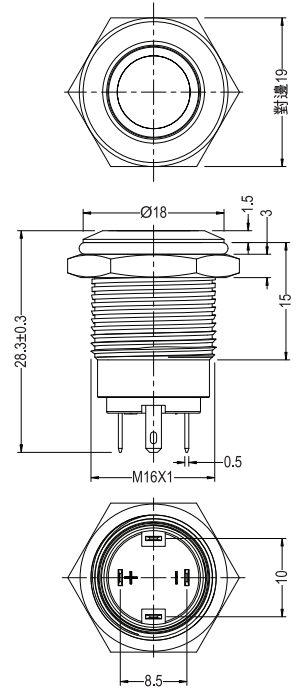
PBM16-11M-RS-NNN-SN-S



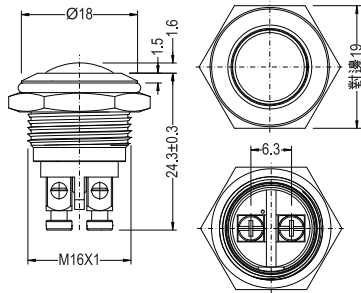
PBM16-11M-FS-NNN-SN-L



PBM16-11M-FS-R□□-SN-S



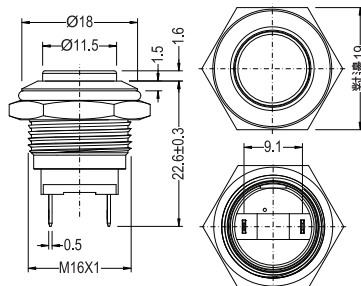
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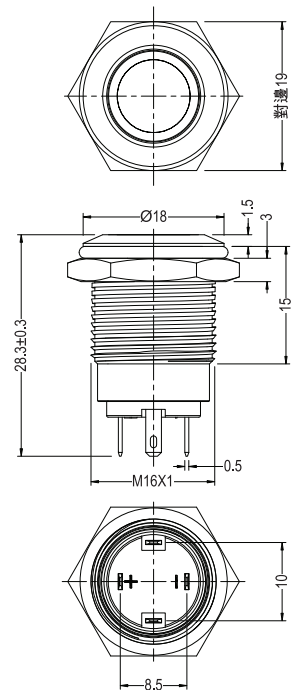
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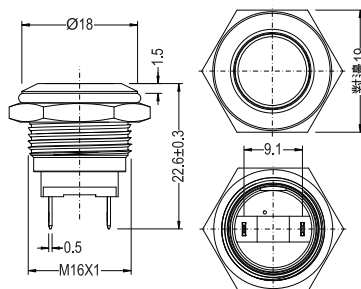
PBM16-11M-HS-NNN-SN-S



PBM16-11M-FS-E□□-SN-S



PBM16-11M-FS-NNN-SN-S



PBM16-11M-FS-S□□-SN-S





PBM16C										
產品型號 Hsuanyen Series	開關組合 Switch Combination	操作類型 Operation type	頭部形狀 Head Style	按鍵顏色 Button color	發光類型 Emitting type	發光顏色 Emitting color	帶燈電壓 Voltage with Light	外殼材質 Hull Material	表面處理 Surface Plated	接線類型 Connection
	11 1NO	M 複位 Momentary Z 自鎖 Lock	F 平柄 Flat R 圓弧柄 Round H 高柄 High	W 白 White R 紅 Red G 綠 Green U 藍 Blue Y 黃 Yellow B 黑 Black S 原色 Natural	N 不帶燈 None R 環狀 Ring E 電源符號 Power Q 環狀+電源符號 Ring+Power S 點狀 Spot SS 多點狀 Multipoint	N 不帶燈 None R 紅 Red G 綠 Green Y 黃 Yellow O 橙 Orange U 藍 Blue W 白 White	N Without LED 3 3V 6 6V 12 12V 24 24V 36 36V 110 110V 220 220V 其他電壓可訂做 Other voltages can be customized	S 不銹鋼 Stainless Steel	N 不銹鋼 Stainless Steel	S 焊線端子 Solder Terminal

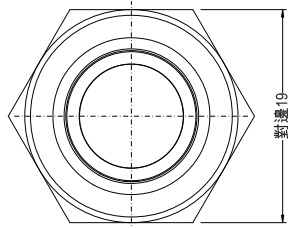
技術參數 Technology Parameters

安裝孔尺寸 Installation hole size	Ø16mm
開關額定值 Switch rated value	2A
開關組合 Switch combination	1NO
操作類型 Operation type	M : 複位 Momentary Z : 自鎖 Lock
接觸電阻 Contact resistance	≤50mΩ
絕緣電阻 Insulation resistance	≥1,000MΩ
絕緣強度 Insulation strength	2,000VAC
環境溫度 Ambient temperature	-20℃~+55℃
機械壽命 Mechanical life	100萬次以上 >1million times
電器壽命 Appliance life	20萬次以上 >0.2million times
螺母扭矩 Nut torque	5~14N.m
操作壓力 Operation pressure	≤3N
操作行程 Operation stroke	≤2mm
防水等級 Waterproof	IP65
防護等級 Protection Grade	IK08

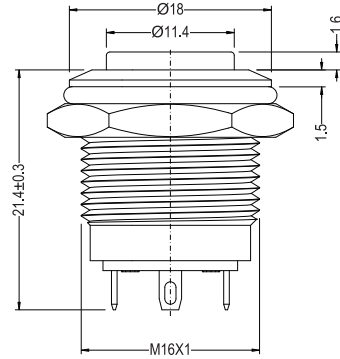
材料 Material

外殼/按鍵 Hull/Key	不銹鋼/黃銅鍍銀/鋁合金氧化 Stainless Steel/ Brass nickelage/Aluminum oxide
基座 Base	工程塑料 Engineering Plastics
觸點 Contact	銀合金 Silver alloy

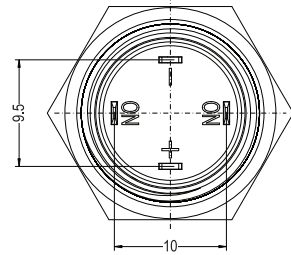
PBM16C-11M-HS-SS□□-SN-S



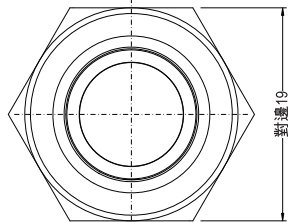
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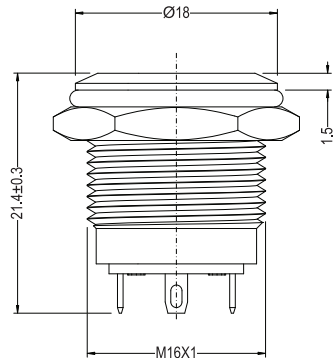
PBM16C-11M-HS-E□□-SN-S



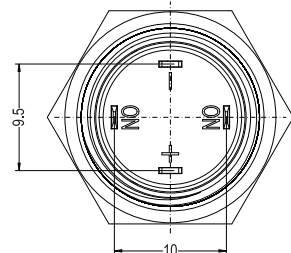
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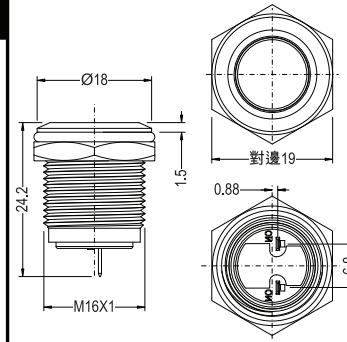
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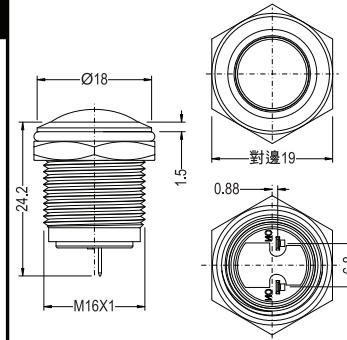
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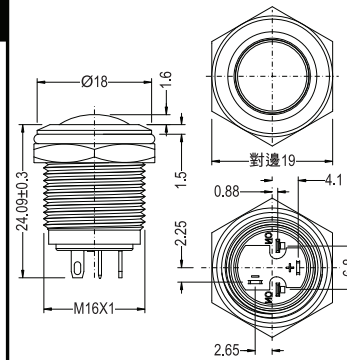
PBM16C-11Z-FS-NNN-SN-S



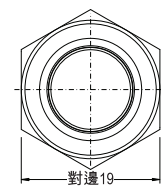
PBM16C-11Z-RS-NNN-SN-S



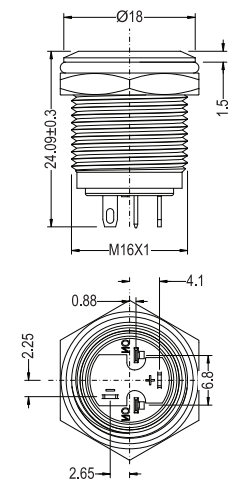
PBM16C-11Z-RS-S□□-SN-S



PBM16C-11Z-FS-E□□-SN-S



PBM16C-11Z-FS-R□□-SN-S





PBM16-13/23

系列 金屬按鈕開關
Series Metal Button Switch



PBM16										
產品型號 Hsuanyen Series	開關組合 Switch Combination	操作類型 Operation type	頭部形狀 Head Style	按鍵顏色 Button color	發光類型 Emitting type	發光顏色 Emitting color	帶燈電壓 Voltage with Light	外殼材質 Hull Material	表面處理 Surface Plated	接線類型 Connection
	13 1NO1NC 23 2NO2NC	M 複位 Momentary Z 自鎖 Lock	F 平柄 Flat R 圓弧柄 Round H 高柄 High	W 白 White R 紅 Red G 綠 Green U 藍 Blue Y 黃 Yellow B 黑 Black S 原色 Natural	N 不帶燈 None R 環狀 Ring E 電源符號 Power Q 環狀+電源符號 Ring+Power S 點狀 Spot SS 多點狀 Multipoint	N 不帶燈 None R 紅 Red G 綠 Green Y 黃 Yellow O 橙 Orange U 藍 Blue W 白 White	N Without LED 3 3V 6 6V 12 12V 24 24V 36 36V 110 110V 220 220V 其他電壓可訂做 Other voltages can be customized	S 不銹鋼 Stainless Steel	N 不銹鋼 Stainless Steel	S 焊線端子 Solder Terminal

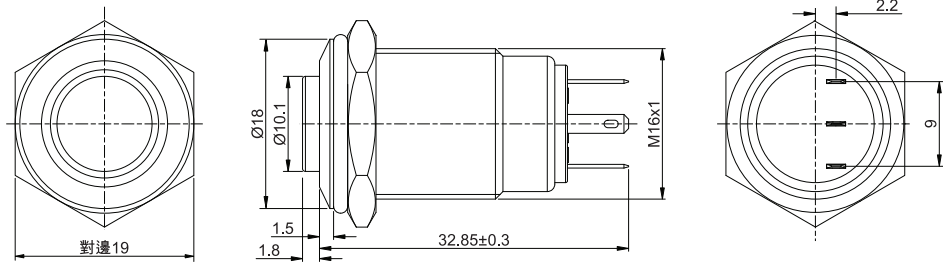
技術參數 Technology Parameters

安裝孔尺寸	Installation hole size	Ø16mm
開關額定值	Switch rated value	2A
開關組合	Switch combination	1NO1NC 2NO2NC
操作類型	Operation type	M : 複位 Momentary Z : 自鎖 Lock
接觸電阻	Contact resistance	≤50mΩ
絕緣電阻	Insulation resistance	≥ 1,000MΩ
絕緣強度	Insulation strength	2,000VAC
環境溫度	Ambient temperature	-20℃~+55℃
機械壽命	Mechanical life	100萬次以上 > 1million times
電器壽命	Appliance life	20萬次以上 > 0.2million times
螺母扭矩	Nut torque	5~14N.m
操作壓力	Operation pressure	≤4N
操作行程	Operation stroke	≤2mm
防水等級	Waterproof	IP65
防護等級	Protection Grade	IK08

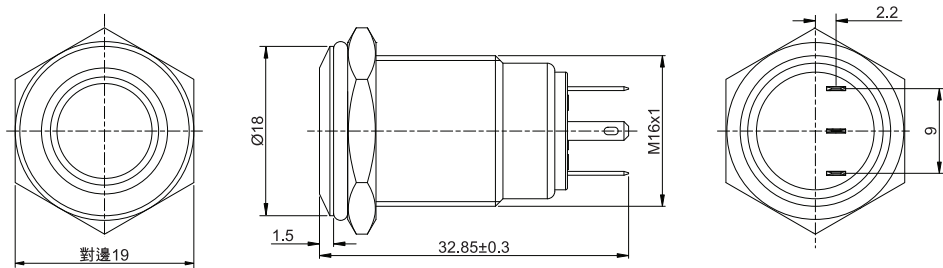
材料 Material

外殼/按鍵	Hull/Key	不銹鋼/黃銅鍍銀/鋁合金氧化	Stainless Steel/ Brass nickelage/Aluminum oxide
基座	Base	工程塑料	Engineering Plastics
觸點	Contact	銀合金	Silver alloy

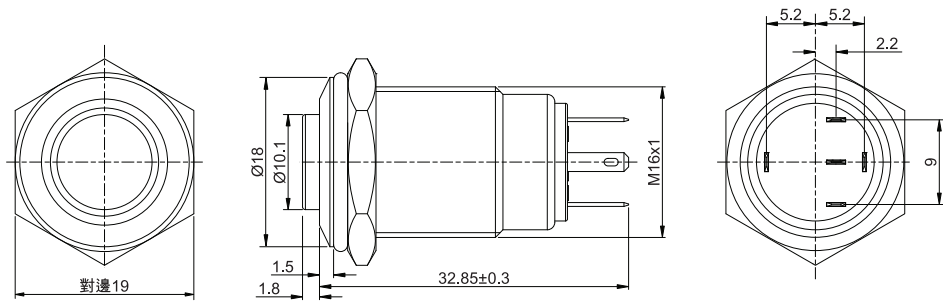
PBM16-13M-HS-NNN-SN-S



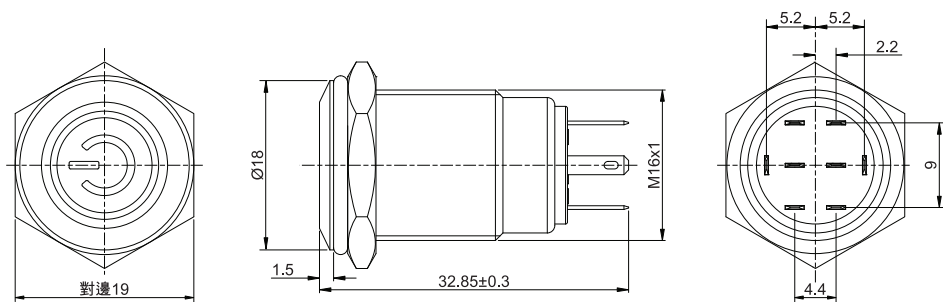
PBM16-13M-FS-NNN-SN-S



PBM16-13M-HS-R□□-SN-S



PBM16-23M-FS-Q□□-SN-S





PBM19										
產品型號 Hsuanyen Series	開關組合 Switch Combination	操作類型 Operation type	頭部形狀 Head Style	按鍵顏色 Button color	發光類型 Emitting type	發光顏色 Emitting color	帶燈電壓 Voltage with Light	外殼材質 Hull Material	表面處理 Surface Plated	接線類型 Connection
	11 1NO	M 複位 Momentary Z 自鎖 Lock	F 平柄 Flat R 圓弧柄 Round H 高柄 High	W 白 White R 紅 Red G 綠 Green U 藍 Blue Y 黃 Yellow B 黑 Black S 原色 Natural	N 不帶燈 None R 環狀 Ring E 電源符號 Power Q 環狀+電源符號 Ring+Power S 點狀 Spot SS 多點狀 Multipoint	N 不帶燈 None R 紅 Red G 綠 Green Y 黃 Yellow O 橙 Orange U 藍 Blue W 白 White	N Without LED 3 3V 6 6V 12 12V 24 24V 36 36V 110 110V 220 220V 其他電壓可訂做 Other voltages can be customized	S 不銹鋼 Stainless Steel	N 不銹鋼 Stainless Steel	S 焊線端子 Solder Terminal L 接線柱式 Connection column

技術參數 Technology Parameters

安裝孔尺寸	Installation hole size	Ø19mm
開關額定值	Switch rated value	2A
開關組合	Switch combination	1NO
操作類型	Operation type	M : 複位 Momentary Z : 自鎖 Lock
接觸電阻	Contact resistance	≤50mΩ
絕緣電阻	Insulation resistance	≥ 1,000MΩ
絕緣強度	Insulation strength	2,000VAC
環境溫度	Ambient temperature	-20℃~+55℃
機械壽命	Mechanical life	100萬次以上 > 1million times
電器壽命	Appliance life	20萬次以上 > 0.2million times
螺母扭矩	Nut torque	5~14N.m
操作壓力	Operation pressure	≤4N
操作行程	Operation stroke	≤2mm
防水等級	Waterproof	IP65
防護等級	Protection Grade	IK08

材料 Material

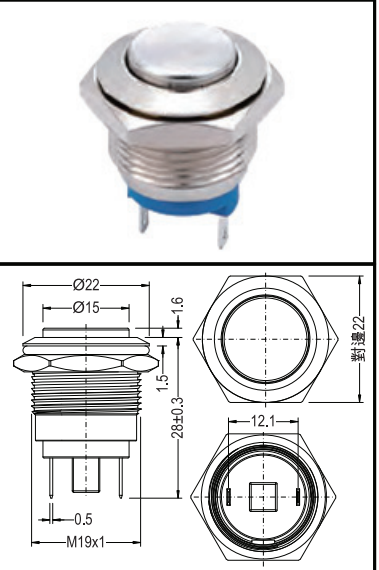
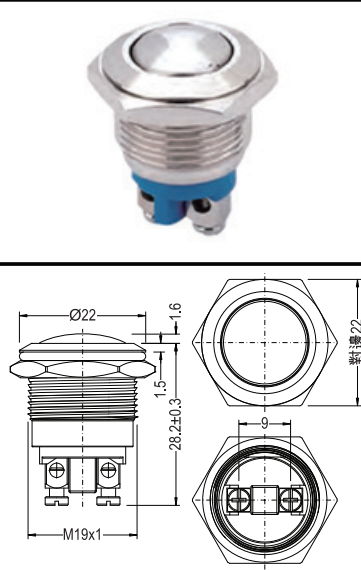
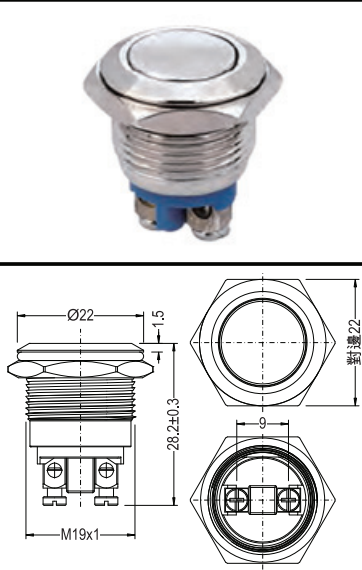
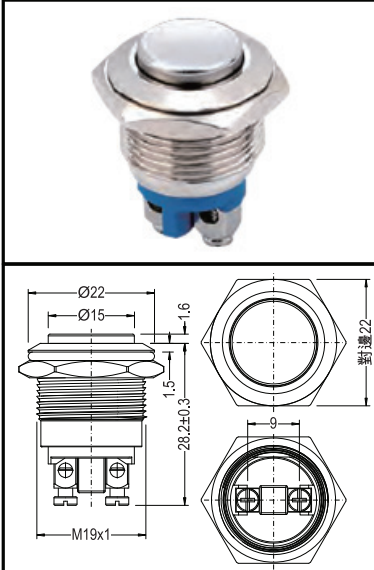
外殼/按鍵	Hull/Key	不銹鋼/黃銅鍍銀/鋁合金氧化	Stainless Steel/ Brass nickelage/Aluminum oxide
基座	Base	工程塑料	Engineering Plastics
觸點	Contact	銀合金	Silver alloy

PBM19-11M-HS-NNN-SN-L

PBM19-11M-FS-NNN-SN-L

PBM19-11M-RS-NNN-SN-L

PBM19-11M-HS-NNN-SN-S



PBM19-11M-FS-NNN-SN-S

PBM19-11M-RS-NNN-SN-S

PBM19-11Z-HS-R□□-SN-S

PBM19-11Z-FS-Q□□-SN-S



PBM19-11Z-FS-R□□-SN-S

PBM19C-11M-HS-R□□-SN-S

PBM19C-11M-FS-R□□-SN-S

PBM19C-11M-FS-Q□□-SN-S





PBM19										
產品型號 Hsuanyen Series	開關組合 Switch Combination	操作類型 Operation type	頭部形狀 Head Style	按鍵顏色 Button color	發光類型 Emitting type	發光顏色 Emitting color	帶燈電壓 Voltage with Light	外殼材質 Hull Material	表面處理 Surface Plated	接線類型 Connection
	13 1NO1NC 23 2NO2NC	M 複位 Momentary Z 自鎖 Lock	F 平柄 Flat H 高柄 High	W 白 White R 紅 Red G 綠 Green U 藍 Blue Y 黃 Yellow B 黑 Black S 原色 Natural	N 不帶燈 None R 環狀 Ring E 電源符號 Power Q 環狀+電源符號 Ring+Power S 點狀 Spot SS 多點狀 Multipoint	N 不帶燈 None R 紅 Red G 綠 Green Y 黃 Yellow O 橙 Orange U 藍 Blue W 白 White	N Without LED 3 3V 6 6V 12 12V 24 24V 36 36V 110 110V 220 220V 其他電壓可訂做 Other voltages can be customized	S 不銹鋼 Stainless Steel N 黃銅鍍鎳 Brass nickelage A 鋁合金氧化 Aluminum oxide	6 氧化黑 Black Oxide N 不銹鋼 Stainless Steel	S 焊線端子 Solder Terminal

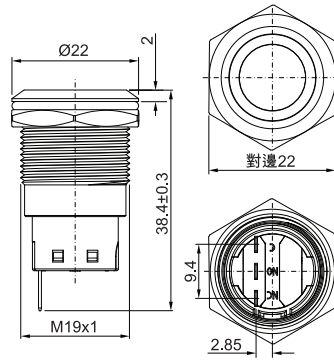
技術參數 Technology Parameters

安裝孔尺寸 Installation hole size	Ø19mm
開關額定值 Switch rated value	3A
開關組合 Switch combination	1NO1NC 2NO2NC
操作類型 Operation type	M : 複位 Momentary Z : 自鎖 Lock
接觸電阻 Contact resistance	≤50mΩ
絕緣電阻 Insulation resistance	≥1,000MΩ
絕緣強度 Insulation strength	2,000VAC
環境溫度 Ambient temperature	-20℃~+55℃
機械壽命 Mechanical life	100萬次以上 >1million times
電器壽命 Appliance life	20萬次以上 >0.2million times
螺母扭矩 Nut torque	5~14N.m
操作壓力 Operation pressure	≤4N
操作行程 Operation stroke	≤2mm
防水等級 Waterproof	IP65
防護等級 Protection Grade	IK08

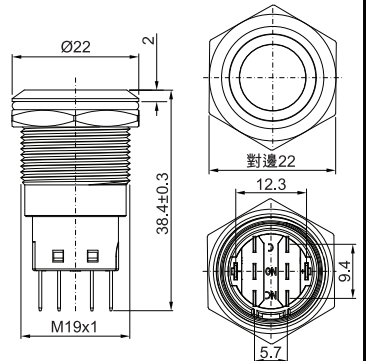
材料 Material

外殼/按鍵 Hull/Key	不銹鋼/黃銅鍍鎳/鋁合金氧化 Stainless Steel/ Brass nickelage/Aluminum oxide
基座 Base	工程塑料 Engineering Plastics
觸點 Contact	銀合金 Silver alloy

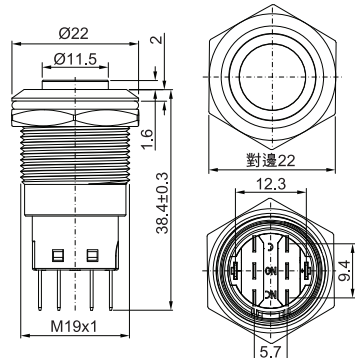
PBM19-13M-FS-NNN-SN-S



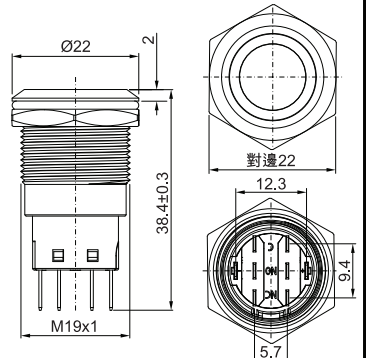
PBM19-13M-FS-S□□-SN-S



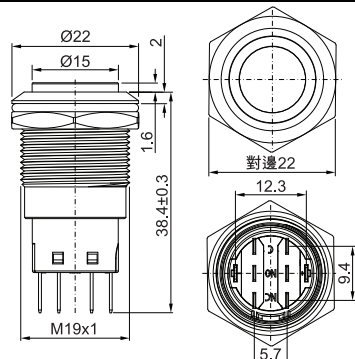
PBM19-13M-HS-R□□-SN-S



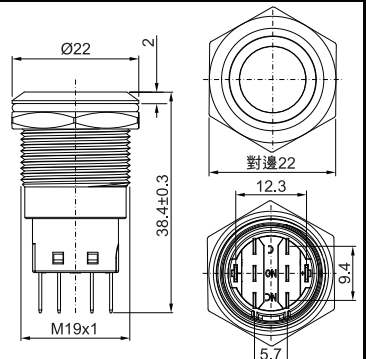
PBM19-13M-FS-SS□□-SN-S



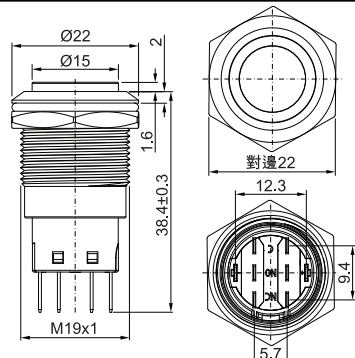
PBM19-13M-HS-S□□-SN-S



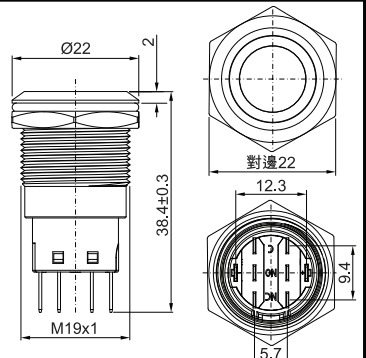
PBM19-13M-FS-R□□-SN-S



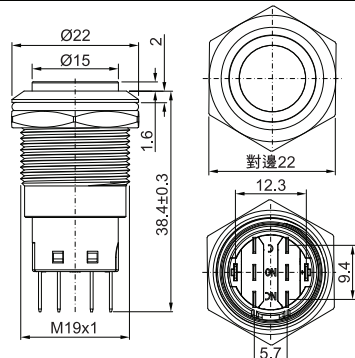
PBM19-13M-HS-SS□□-SN-S



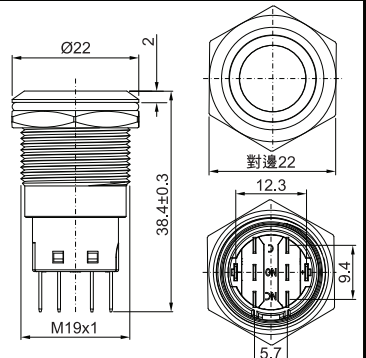
PBM19-13M-FS-E□□-SN-S



PBM19-13M-HS-E□□-SN-S



PBM19-13M-FS-Q□□-SN-S





PBM22										
產品型號 Hsuanyen Series	開關組合 Switch Combination	操作類型 Operation type	頭部形狀 Head Style	按鍵顏色 Button color	發光類型 Emitting type	發光顏色 Emitting color	帶燈電壓 Voltage with Light	外殼材質 Hull Material	表面處理 Surface Plated	接線類型 Connection
	12 1NO1NC	M 複位 Momentary Z 自鎖 Lock	F 平柄 Flat	W 白 White R 紅 Red G 綠 Green U 藍 Blue Y 黃 Yellow B 黑 Black S 原色 Natural	N 不帶燈 None R 環狀 Ring E 電源符號 Power Q 環狀+電源符號 Ring+Power S 點狀 Spot SS 多點狀 Multipoint	N 不帶燈 None R 紅 Red G 綠 Green Y 黃 Yellow O 橙 Orange U 藍 Blue W 白 White	N Without LED 3 3V 6 6V 12 12V 24 24V 36 36V 110 110V 220 220V 其他電壓可訂做 Other voltages can be customized	S 不銹鋼 Stainless Steel N 黃銅鍍鎳 Brass nickelage A 鋁合金氧化 Aluminum oxide	6 氧化黑 Black Oxide N 不銹鋼 Stainless Steel	S 焊線端子 Solder Terminal

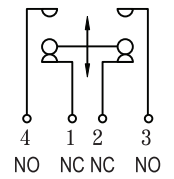
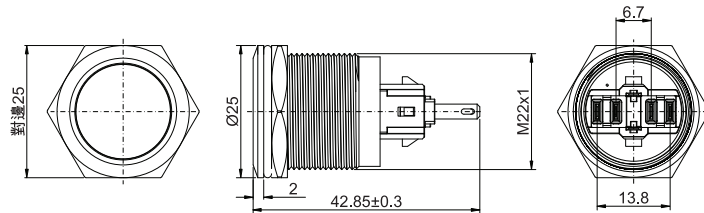
技術參數 Technology Parameters

安裝孔尺寸	Installation hole size	Ø22mm
開關額定值	Switch rated value	5A
開關組合	Switch combination	1NO1NC
操作類型	Operation type	M : 複位 Momentary Z : 自鎖 Lock
接觸電阻	Contact resistance	≤50mΩ
絕緣電阻	Insulation resistance	≥ 1,000MΩ
絕緣強度	Insulation strength	2,000VAC
環境溫度	Ambient temperature	-20℃~+55℃
機械壽命	Mechanical life	100萬次以上 > 1million times
電器壽命	Appliance life	20萬次以上 > 0.2million times
螺母扭矩	Nut torque	5~14N.m
操作壓力	Operation pressure	≤4N
操作行程	Operation stroke	≤2mm
防水等級	Waterproof	IP65
防護等級	Protection Grade	IK09

材料 Material

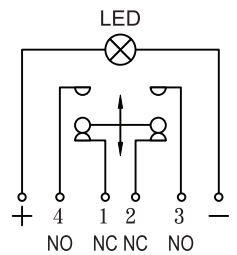
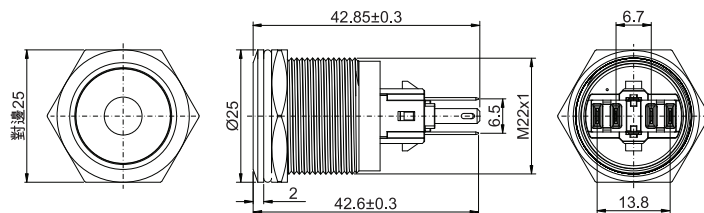
外殼/按鍵	Hull/Key	不銹鋼/黃銅鍍鎳/鋁合金氧化	Stainless Steel/ Brass nickelage/Aluminum oxide
基座	Base	工程塑料	Engineering Plastics
觸點	Contact	銀合金	Silver alloy

PBM22-12M-FS-NNN-SN-S



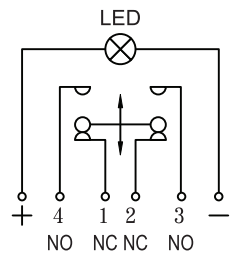
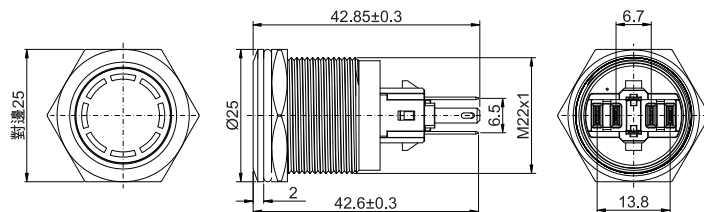
schematic

PBM22-12M-FS-S□□-SN-S



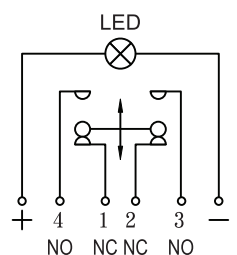
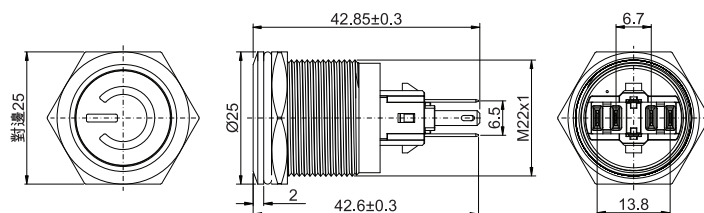
schematic

PBM22-12M-FS-SS□□-SN-S



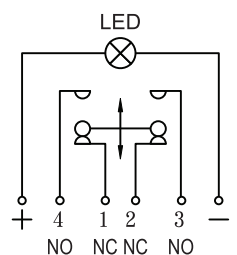
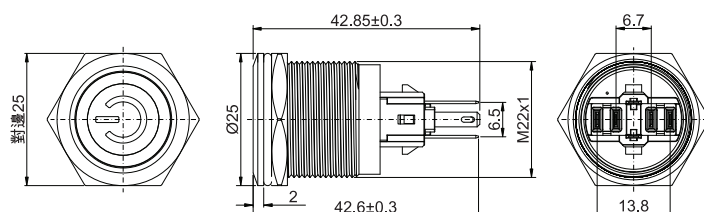
schematic

PBM22-12M-FS-E□□-SN-S



schematic

PBM22-12M-FS-Q□□-SN-S



schematic



PBM25										
產品型號 Hsuanyen Series	開關組合 Switch Combination	操作類型 Operation type	頭部形狀 Head Style	按鍵顏色 Button color	發光類型 Emitting type	發光顏色 Emitting color	帶燈電壓 Voltage with Light	外殼材質 Hull Material	表面處理 Surface Plated	接線類型 Connection
	12 1NO1NC 22 2NO2NC	M 複位 Momentary Z 自鎖 Lock	F 平柄 Flat	W 白 White R 紅 Red G 綠 Green U 藍 Blue Y 黃 Yellow B 黑 Black S 原色 Natural	N 不帶燈 None R 環狀 Ring E 電源符號 Power Q 環狀+電源符號 Ring+Power S 點狀 Spot SS 多點狀 Multipoint	N 不帶燈 None R 紅 Red G 綠 Green Y 黃 Yellow O 橙 Orange U 藍 Blue W 白 White	N Without LED 3 3V 6 6V 12 12V 24 24V 36 36V 110 110V 220 220V 其他電壓可訂做 Other voltages can be customized	S 不銹鋼 Stainless Steel N 黃銅鍍鎳 Brass nickelage A 鋁合金氧化 Aluminum oxide	6 氧化黑 Black Oxide N 不銹鋼 Stainless Steel	S 焊線端子 Solder Terminal

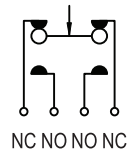
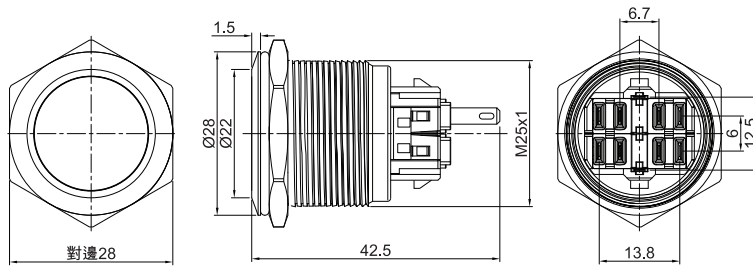
技術參數 Technology Parameters

安裝孔尺寸	Installation hole size	Ø25mm
開關額定值	Switch rated value	5A
開關組合	Switch combination	1NO1NC 2NO2NC
操作類型	Operation type	M : 複位 Momentary Z : 自鎖 Lock
接觸電阻	Contact resistance	≤50mΩ
絕緣電阻	Insulation resistance	≥1,000MΩ
絕緣強度	Insulation strength	2,000VAC
環境溫度	Ambient temperature	-20℃~+55℃
機械壽命	Mechanical life	100萬次以上 >1million times
電器壽命	Appliance life	20萬次以上 >0.2million times
螺母扭矩	Nut torque	5~14N.m
操作壓力	Operation pressure	≤4N
操作行程	Operation stroke	≤2mm
防水等級	Waterproof	IP65
防護等級	Protection Grade	IK08

材料 Material

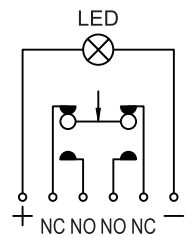
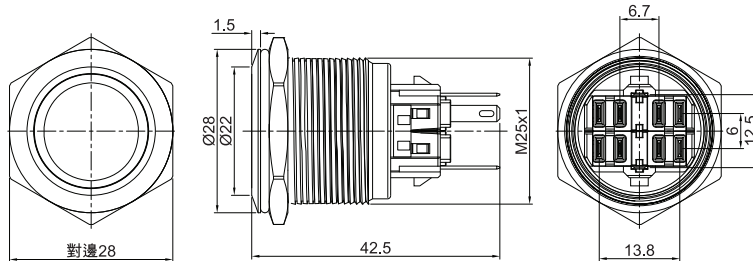
外殼/按鍵	Hull/Key	不銹鋼/黃銅鍍鎳/鋁合金氧化	Stainless Steel/ Brass nickelage/Aluminum oxide
基座	Base	工程塑料	Engineering Plastics
觸點	Contact	銀合金	Silver alloy

PBM25-12M-FS-NNN-SN-S



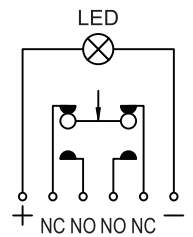
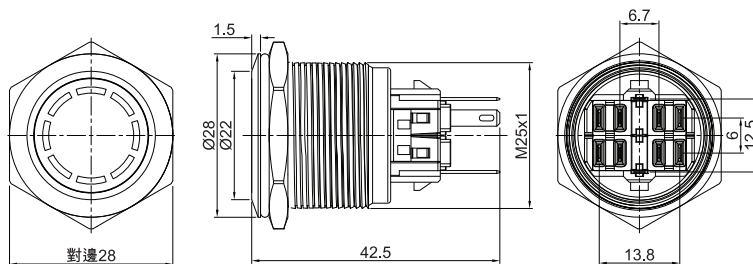
schematic

PBM25-12M-FS-R□□-SN-S



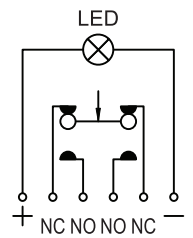
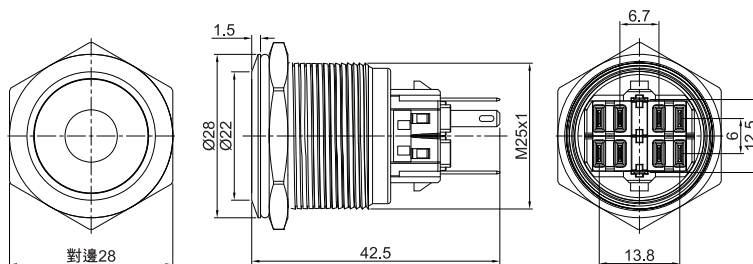
schematic

PBM25-12M-FS-SS□□-SN-S



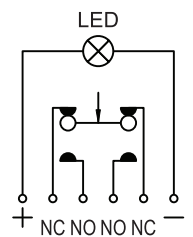
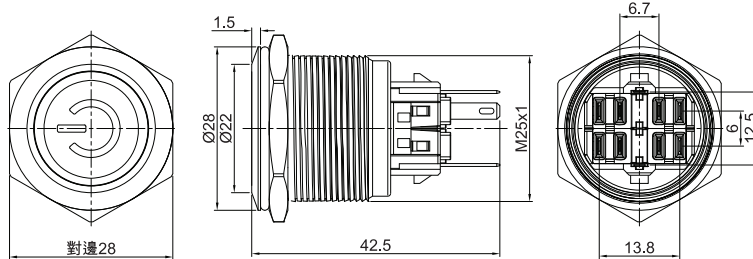
schematic

PBM25-12M-FS-S□□-SN-S



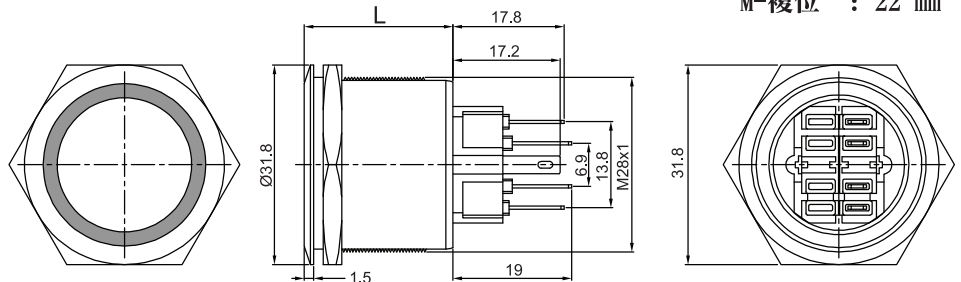
schematic

PBM25-12M-FS-Q□□-SN-S



schematic

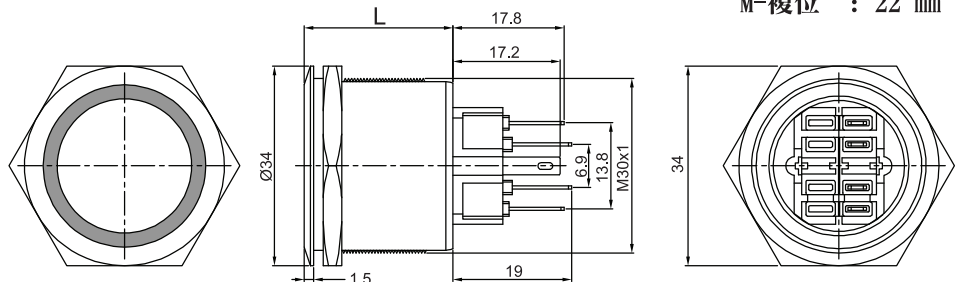
PBM28-12M-FS-R□□-SN-S



L值: Z-自鎖 : 23.8 mm
M-複位 : 22 mm

PBM28										
產品型號 Hsuanyen Series	開關組合 Switch Combination	操作類型 Operation type	頭部形狀 Head Style	按鍵顏色 Button color	發光類型 Emitting type	發光顏色 Emitting color	帶燈電壓 Voltage with Light	外殼材質 Hull Material	表面處理 Surface Plated	接線類型 Connection
	12 1N01NC 22 2N02NC	M 複位 Momentary Z 自鎖 Lock	F 平柄 Flat	W 白 White R 紅 Red G 綠 Green U 藍 Blue Y 黃 Yellow B 黑 Black S 原色 Natural	R 環狀 Ring	N 不帶燈 None R 紅 Red G 綠 Green Y 黃 Yellow O 橙 Orange U 藍 Blue W 白 White	N Without LED 3 3V 6 6V 12 12V 24 24V 36 36V 110 110V 220 220V 其他電壓可訂做 Other voltages can be customized	S 不銹鋼 Stainless Steel N 黃銅鍍鎳 Brass nickelage A 鋁合金氧化 Aluminum oxide	6 氧化黑 Black Oxide N 不銹鋼 Stainless Steel	S 焊線端子 Solder Terminal

PBM30-12M-FS-R□□-SN-S



L值: Z-自鎖 : 23.8 mm
M-複位 : 22 mm

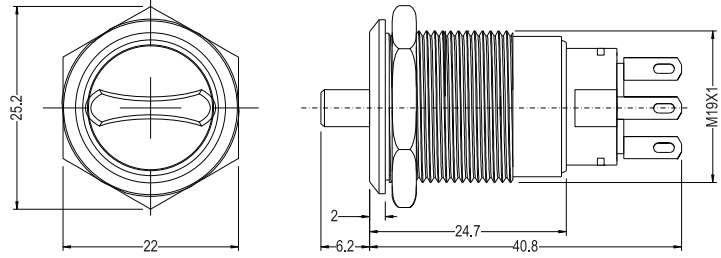
PBM30										
產品型號 Hsuanyen Series	開關組合 Switch Combination	操作類型 Operation type	頭部形狀 Head Style	按鍵顏色 Button color	發光類型 Emitting type	發光顏色 Emitting color	帶燈電壓 Voltage with Light	外殼材質 Hull Material	表面處理 Surface Plated	接線類型 Connection
	12 1N01NC 22 2N02NC	M 複位 Momentary Z 自鎖 Lock	F 平柄 Flat	W 白 White R 紅 Red G 綠 Green U 藍 Blue Y 黃 Yellow B 黑 Black S 原色 Natural	R 環狀 Ring	N 不帶燈 None R 紅 Red G 綠 Green Y 黃 Yellow O 橙 Orange U 藍 Blue W 白 White	N Without LED 3 3V 6 6V 12 12V 24 24V 36 36V 110 110V 220 220V 其他電壓可訂做 Other voltages can be customized	S 不銹鋼 Stainless Steel N 黃銅鍍鎳 Brass nickelage A 鋁合金氧化 Aluminum oxide	6 氧化黑 Black Oxide N 不銹鋼 Stainless Steel	S 焊線端子 Solder Terminal



選擇金屬開關 Selector Metal Switch

系列
Series

PBM19-□3□P-SS-R□□-SN-S



PBM19 — — S S — R — — S N — S

CIRCUIT / SWITCHING ACTION
開關回路 / 動作方式

13DP	90° 2 檔 2 Position單刀 SPDT
23DP	90° 2 檔 2 Position雙刀 DPDT
23TP	90° 3 檔 3 Position雙刀 DPDT

Lamp Color 帶燈顏色

R	Red	紅色	●
G	Green	綠色	●
Y	Yellow	黃色	●
O	Orange	橘色	●
U	Blue	藍色	●
W	White	白色	●
N	Without LED	不帶燈	

Rated Voltage 額定電壓

6V	6V AC/DC
12V	12V AC/DC
24V	24V AC/DC
110V	110V AC/DC
220V	220V AC/DC
N	Without LED 不帶燈



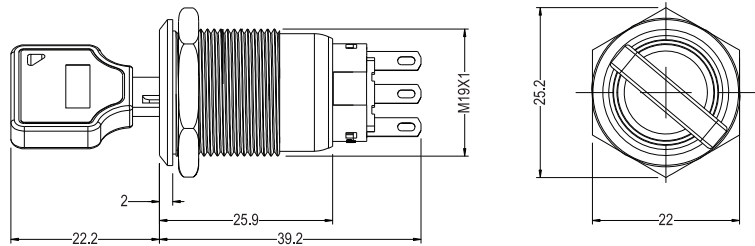
鑰匙金屬開關 Key Metal Switch

系列
Series

PBM19-□3□P-KS-NNN-SN-S



Model no. 產品型號	Operation 動作方式	Contact 接觸方式
PBM19-13DP-KS-NNN-SN-S	90° 2 檔 2 Positions	單刀 SPDT
PBM19-23DP-KS-NNN-SN-S	90° 2 檔 2 Positions	雙刀 DPDT
PBM19-23TP-KS-NNN-SN-S	90° 3 檔 3 Positions	雙刀 DPDT



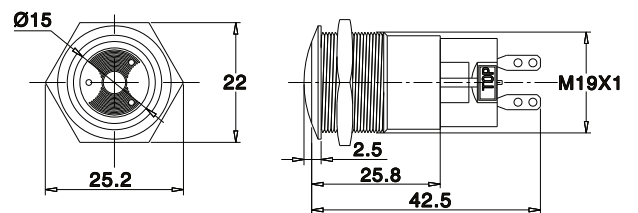
蜂鳴器 Buzzer

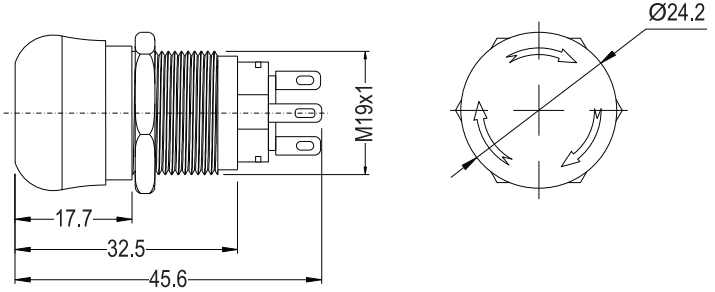
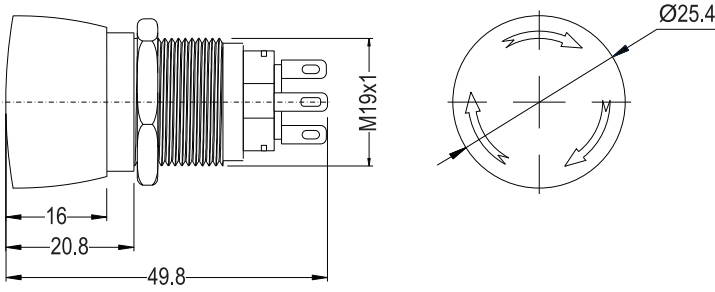
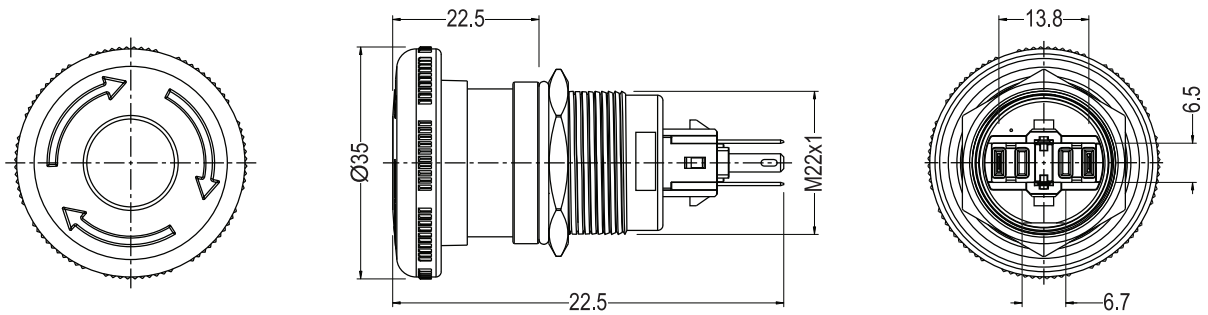
系列
Series

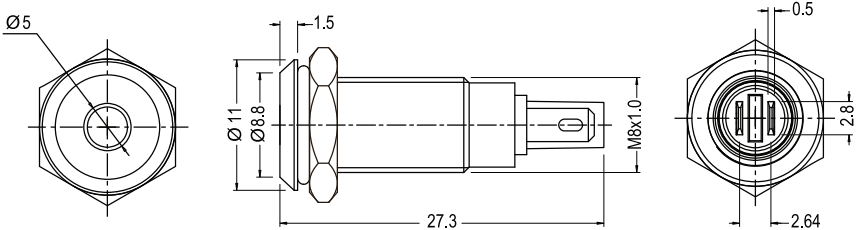
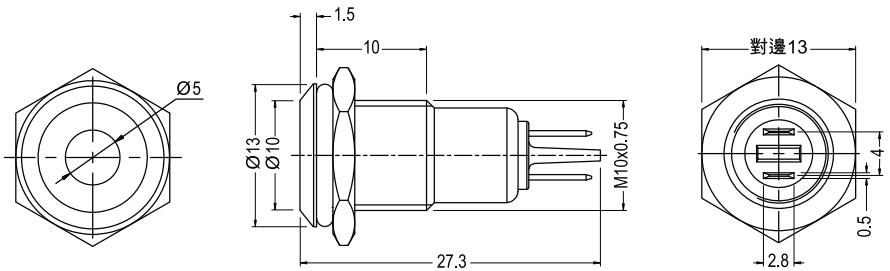
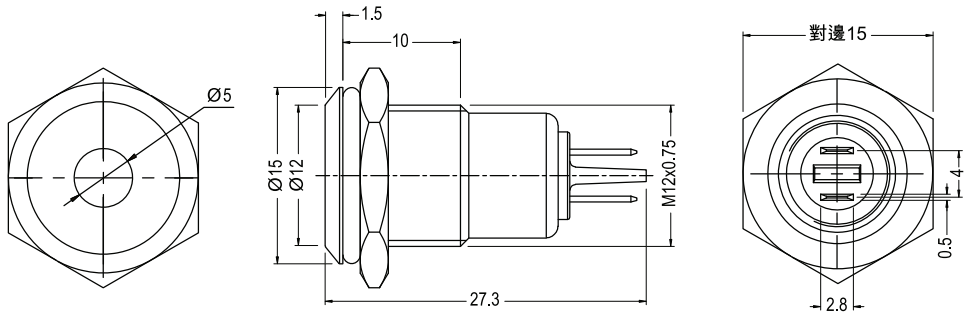
PBM19BZ-R□-SN-S

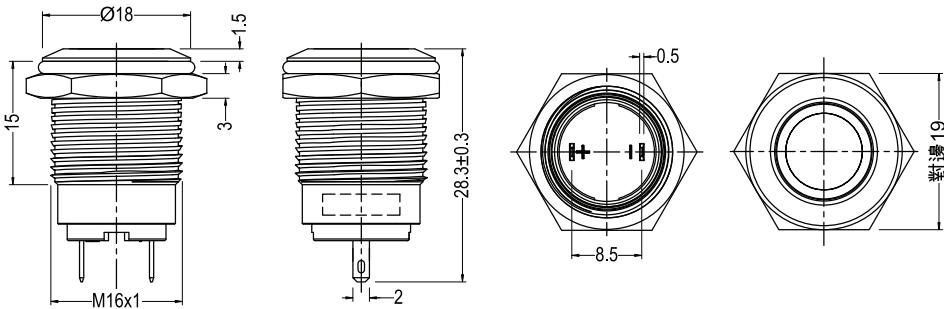
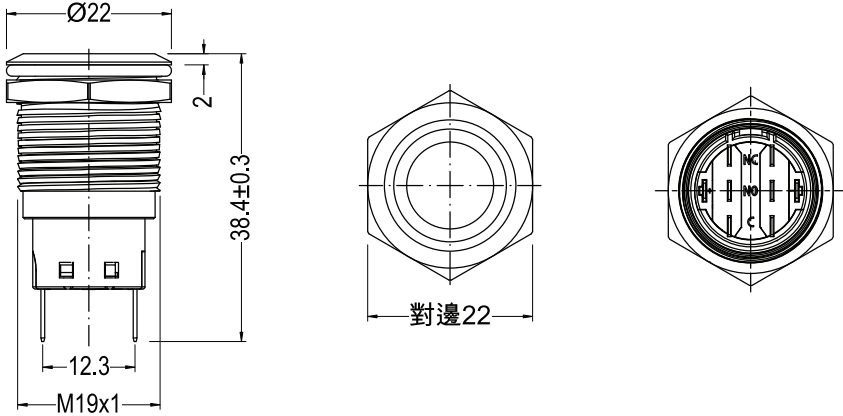


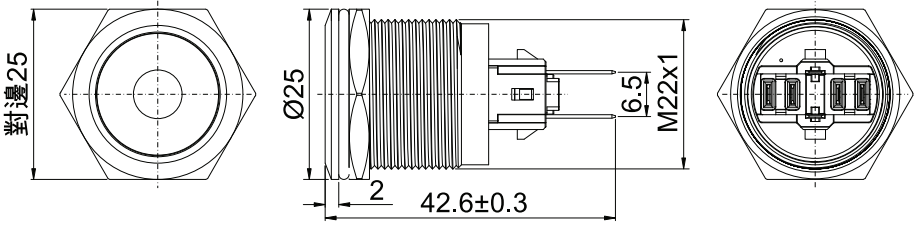
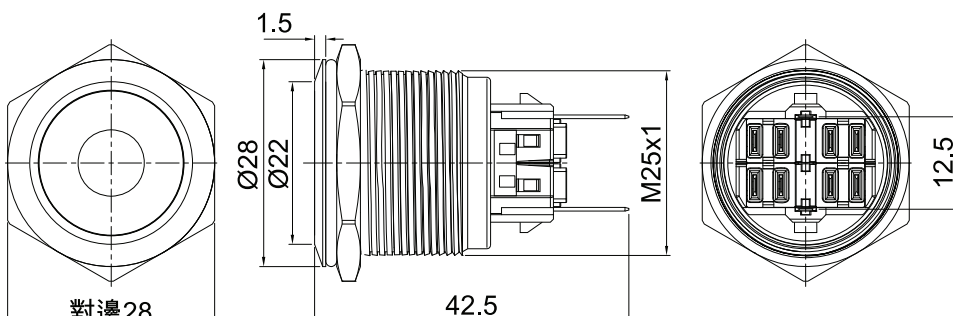
帶燈顏色
Lamp colors : Red
工作電壓
Rated Voltage : 12V / 24V
發音類型
Phonation type : Buzzer (M)
聲音強度
Sound Intensity : $\geq 85\text{dB} / 0.1\text{m}$



安裝孔尺寸 Installation Hole Size	Ø19mm
開關組合 Switch Combination	13 - 1NO 1NC , 23 - 2NO 2NC
PBM19-13Z-ESR-CNN-SN-S	
	
PBM19-13Z-ESBR-CNN-SN-S	
	
安裝孔尺寸 Installation hole Size	Ø22mm
開關組合 Switch Combination	12 - 1NO 1NC
發光顏色 Emitting Color	● R - 紅 Red , ● U - 藍 Blue , ● G - 綠 Green
帶燈電壓 Voltage With Light	6 / 12 / 24 / 36 / 110 / 220V
PBM22-12Z-M□-C□□-SN-S	
	
	

頭部形狀 Head Style	F-平柄 F-Flat
發光類型 Emitting type	S-點狀 S-Spot
發光顏色 Emitting color	● R 紅-Red ● G 綠-Green ● Y 黃-Yellow ● O 橙-Orange ● U 藍-Blue ● W 白-White
帶燈電壓 Voltage with Light	6/12/24/36/110/220V
接線類型 Connection type	S-焊線端子 S- Solder Terminal
防水等級 Waterproof	IP65
金屬指示燈 Φ8mm Metal Indicator Light	PBM8I-FS-S□□-N-S 
尺寸圖 Dimensional Drawing	
金屬指示燈 Φ10mm Metal Indicator Light	PBM10I-FS-S□□-N-S 
尺寸圖 Dimensional Drawing	
金屬指示燈 Φ12mm Metal Indicator Light	PBM12I-FS-S□□-N-S 
尺寸圖 Dimensional Drawing	

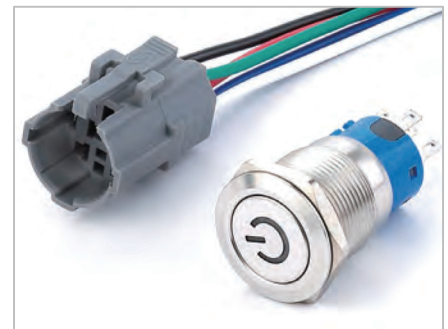
頭部形狀 Head Style	F-平柄 F-Flat		
發光類型 Emitting type	R-環狀 R-Ring	E-電源符號 E-Power	Q-環狀+電源符號 Q-Ring+Power
發光顏色 Emitting color	● R 紅-Red ● G 綠-Green ● Y 黃-Yellow ● O 橙-Orange ● U 藍-Blue ● W 白-White		
帶燈電壓 Voltage with Light	6/12/24/36/110/220V		
接線類型 Connection type	S-焊線端子 S- Solder Terminal		
防水等級 Waterproof	IP65		
金屬指示燈 Φ 16mm Metal Indicator Light	PBM16I-FS-Q□□-SN-S	PBM16I-FS-SS□□-SN-S	PBM16I-FS-R□□-SN-S
			
尺寸圖 Dimensional Drawing			
金屬指示燈 Φ 19mm Metal Indicator Light	PBM19I-FS-FS-S□□-SN-S	PBM19I-FS-E□□-SN-S	PBM19I-FS-R□□-SN-S
			
尺寸圖 Dimensional Drawing			

頭部形狀 Head Style	F-平柄 F-Flat		
發光類型 Emitting type	R-環狀 R-Ring	E-電源符號 E-Power	Q-環狀+電源符號 Q-Ring+Power
發光顏色 Emitting color	● R 紅-Red ● G 綠-Green ● Y 黃-Yellow ● O 橙-Orange ● U 藍-Blue ● W 白-White		
帶燈電壓 Voltage with Light	6/12/24/36/110/220V		
接線類型 Connection type	S-焊線端子 S- Solder Terminal		
防水等級 Waterproof	IP65		
金屬指示燈 Φ22mm Metal Indicator Light	PBM22I-FS-FS-S□□-SN-S	PBM22I-FS-R□□-SN-S	PBM22I-FS-Q□□-SN-S
			
尺寸圖 Dimensional Drawing	 對邊25, Ø25, 2, 42.6±0.3, 6.5, M22x1		
金屬指示燈 Φ25mm Metal Indicator Light	PBM25I-FS-SS□□-SN-S	PBM25I-FS-E□□-SN-S	PBM25I-FS-R□□-SN-S
			
尺寸圖 Dimensional Drawing	 對邊28, Ø28, Ø22, 1.5, 42.5, 12.5, M25x1		

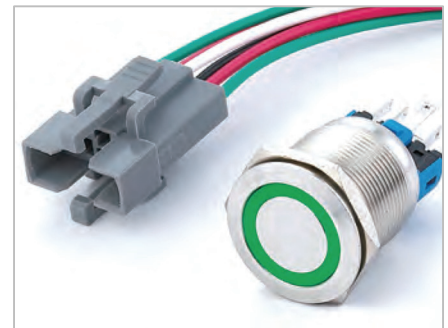
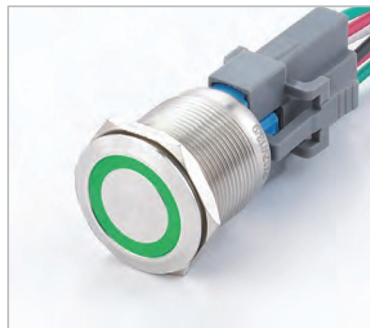
16mm連接器
16mm Connector



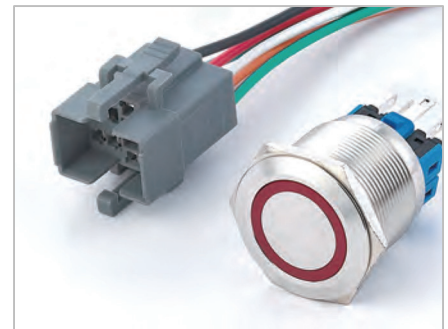
19mm連接器
19mm Connector



22mm連接器
22mm Connector



25mm連接器
25mm Connector





PBM16-11M-FS-RO△-SN-X□



PBM16-11M-HS-RO△-SN-X□



PBM19-11Z-FS-RO△-SN-X□



PBM19-11M-FS-RO△-SN-X□



PBM22-11M-FS-QO△-SN-X□



PBM22-11Z-FS-RO△-SN-X□



PBM25-11M-FS-RO△-SN-X□



PBM25-11Z-FS-QO△-SN-X□



PBM28-11M-FS-RO△-SN-X□



PBM28-11M-FS-QO△-SN-X□



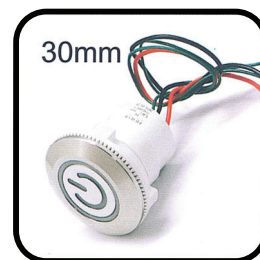
PBM30-11M-FS-RO△-SN-X□



PBM30-11Z-FS-QO△-SN-X□



PB22-21Z-FS-RO△-P-X□



PB30-21M-FS-QO△-P-X□

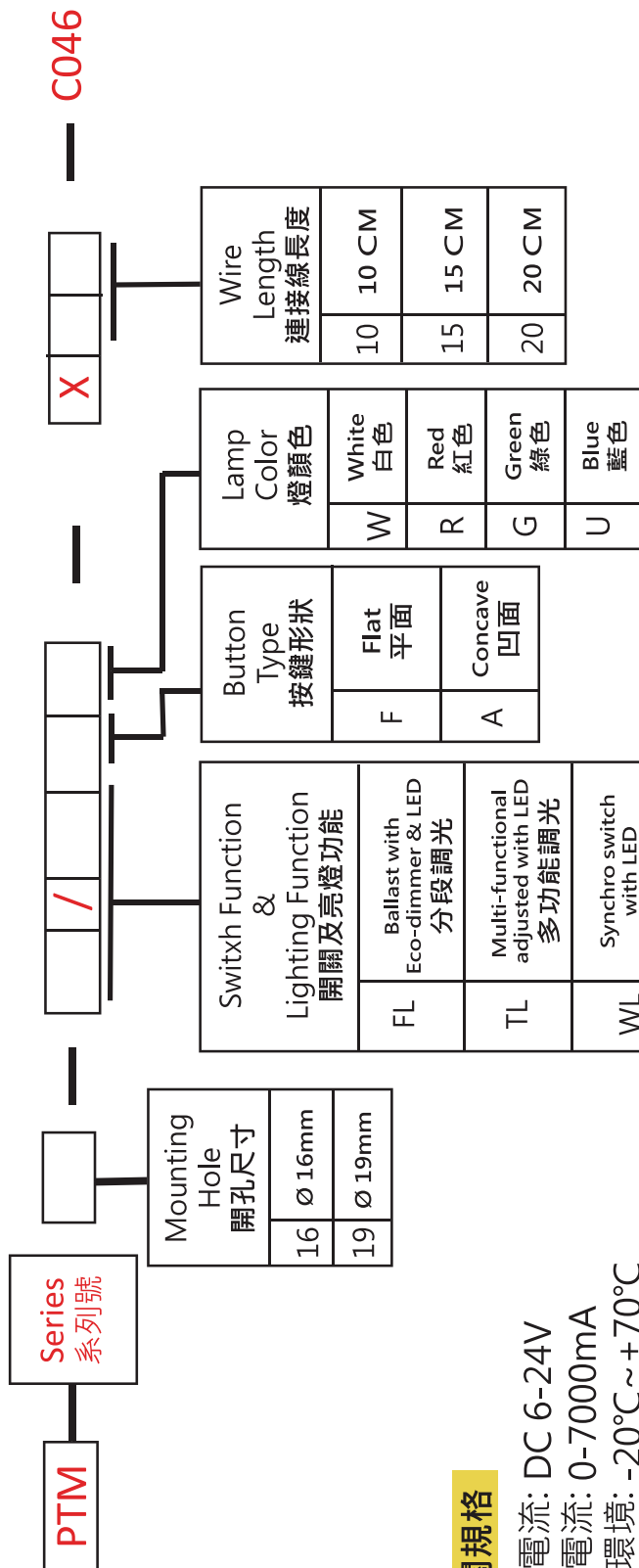
技術參數 Specifications

額定值 Rating	5A 250VAC	機械壽命 Mechanical Life	50 萬次 0.5 million times
接觸電阻 Contact Resistance	$\leq 50m\Omega$	電氣壽命 Electronical Life	10 萬次 0.1 million times
絕緣電阻 Insulation Resistance	$\geq 100M\Omega$	操作壓力 Operating Force	3N
防水等級 Waterproof	IP67	環境溫度 Environment Temperature	-25°C ~ +65°C

型號說明 Model description : ○燈色Led Color、△燈壓Voltage、□線長Wire Length

金屬LED觸摸式開關編碼原則

Coding Principle of Anti-Vandal LED Dimming Switch



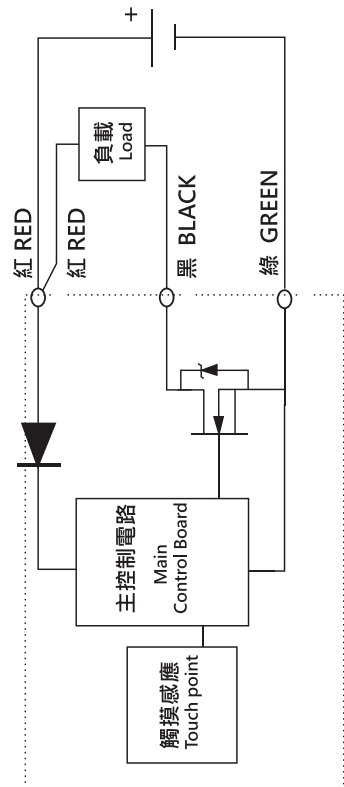
開關規格

工作電流: DC 6-24V
負載電流: 0-7000mA
工作環境: -20°C ~ +70°C

產品特性

1. 內置上電復位(POR)
2. 內置低電壓復位(LVR)
3. 採用低功耗COMS技術
4. 抗傳導、輻射干擾特性好，近距離多角度手機及對講機干擾，皆對產品靈敏度與可靠性不影響。
5. 寬電源/電壓: 6-24V直流電源，產品工耗低，工作穩定。

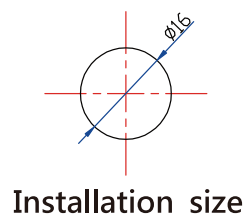
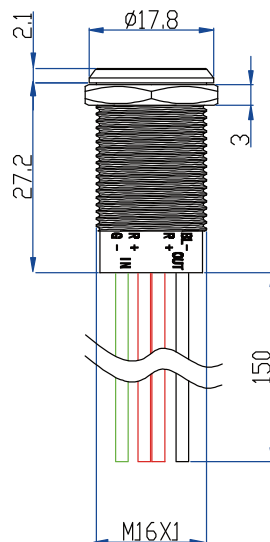
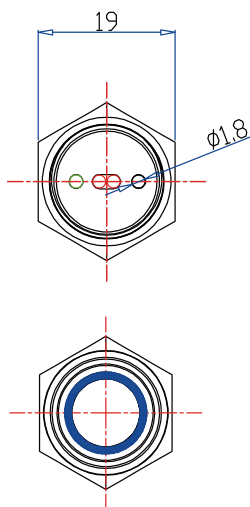
接線原理圖 Circuit Diagram



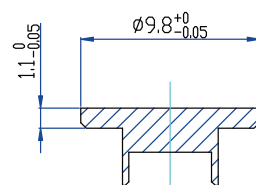
PTM 16 Series



發光顏色 Color			
紅	藍	綠	白
R	U	G	W



Installation size

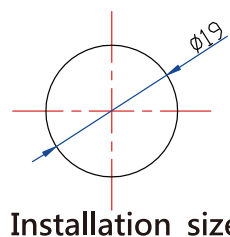
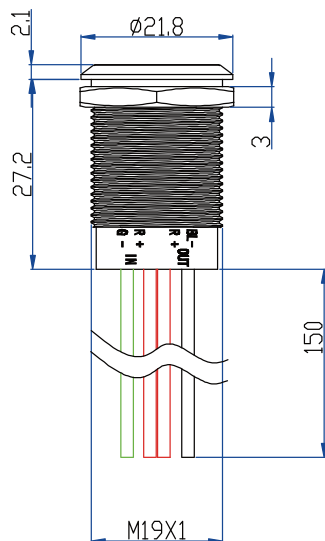
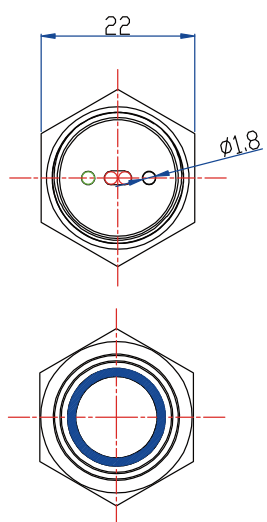


1:3 按鍵片

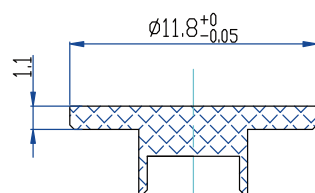
PTM 19 Series



發光顏色 Color			
紅	藍	綠	白
R	U	G	W



Installation size



1:3 按鍵片

開關亮燈功能介紹 Switch&Lighting Function

TL: 多功能性調光/Multi-functional adjusted

對LED亮度的控制，依照線性調節亮度。點擊式觸摸/ 燈光亮滅; 長按式觸摸/ 燈光由暗漸亮。
Control LED lighting based on linearity. Short touching/ turn on or off;
Continue touching/ from dark to bright gradually.

FL: 分段調光/Ballast with Eco-dimmer

LED亮度區分10%→40%→100%→燈滅。由低亮度→中亮度→高亮度→燈滅。
LED Lighting from 10% bright to 100%bright by each phase then turn off finally.

ZL: 自鎖開關/Latching switch with LED

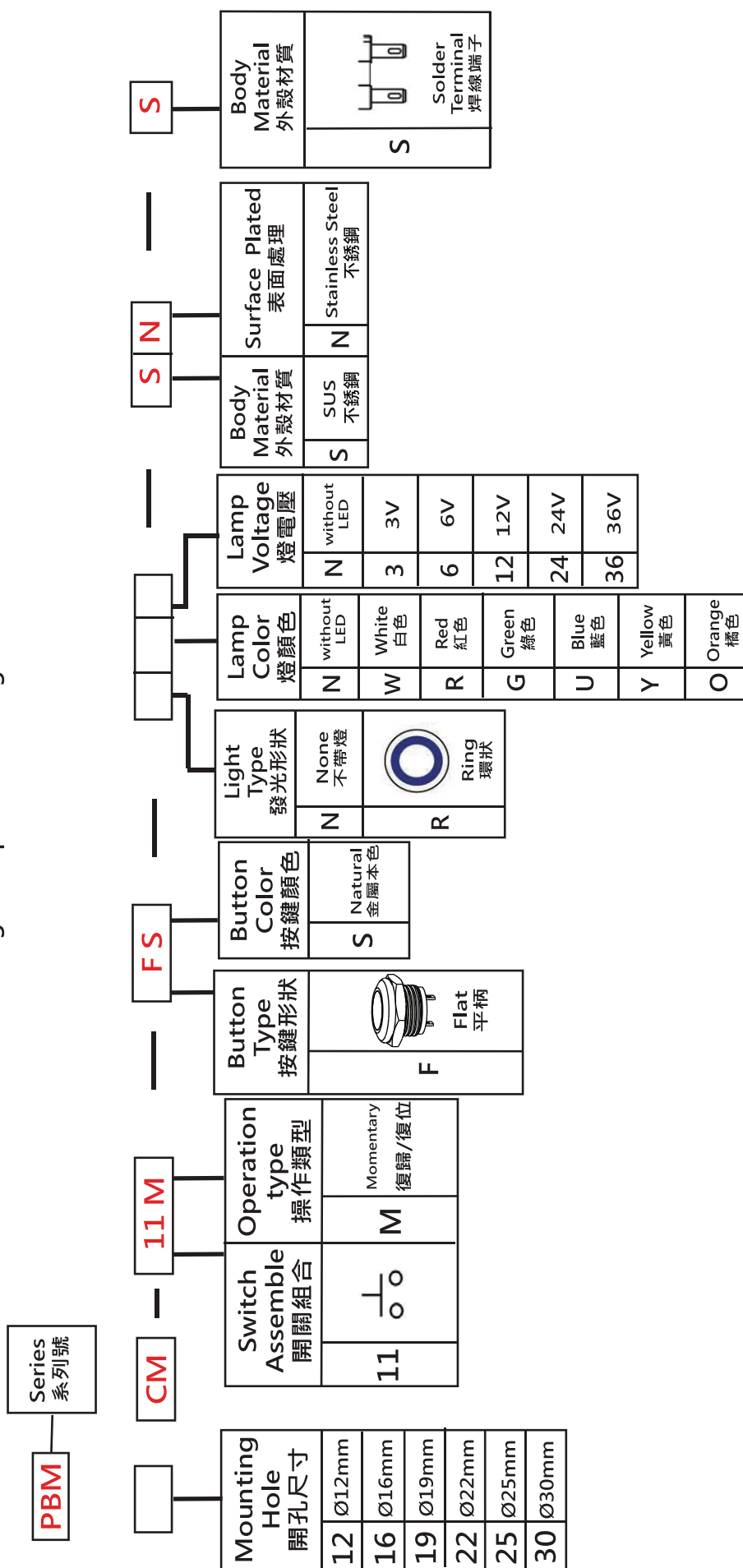
對負載的開關控制。開關有LOCK功能，能鎖住控制。
Switch has its LOCK function to control.

WL: 同步開關/Synchro switch with LED

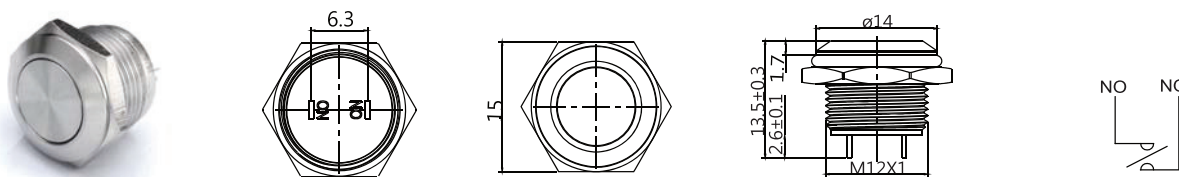
對負載的開關控制。開關沒有LOCK功能，不能鎖住控制。
Switch has NO lock function to control loading.

薄型金屬開關編碼原則

Coding Principle of Thinning Anti-Vandal Switch



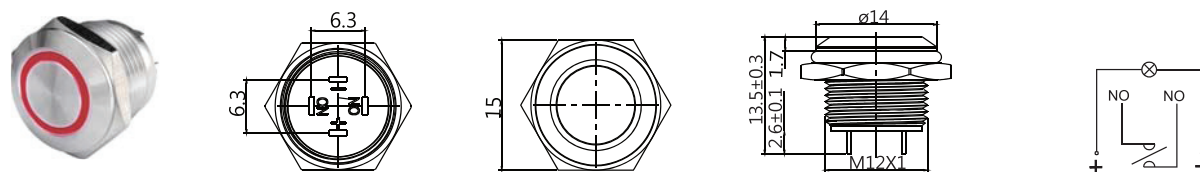
PBM12CM-11M (不帶燈/NO LIGHT)



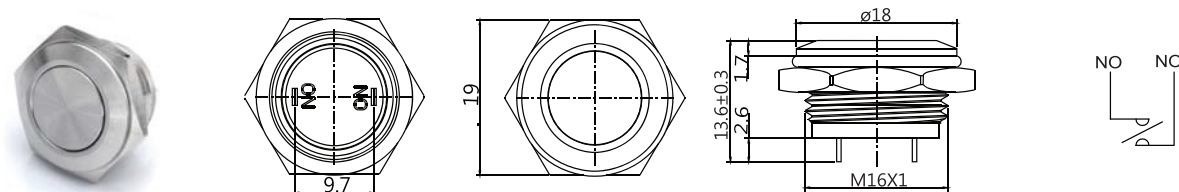
PBM12CM-11M (帶燈/ WITH LIGHT)

LED電壓 vol.				
3	6	12	24	36

發光顏色 Color					
紅	黃	藍	橙	綠	白
R	Y	U	O	G	W



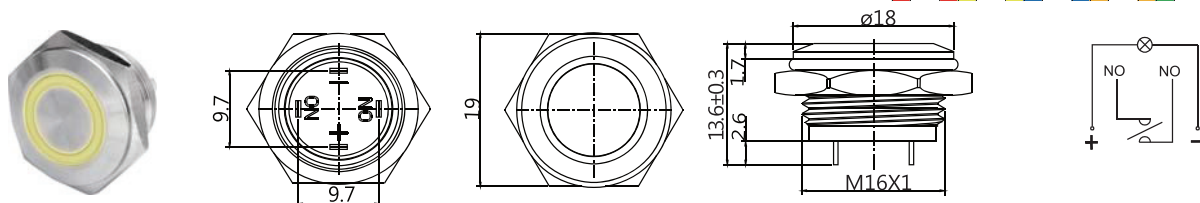
PBM16CM-11M (不帶燈/NO LIGHT)



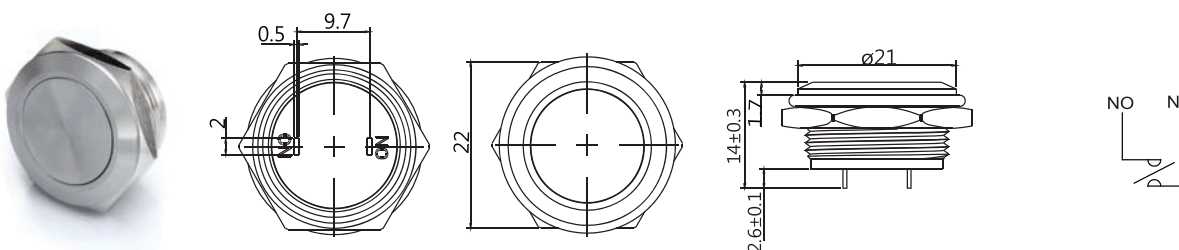
PBM16CM-11M (帶燈/ WITH LIGHT)

LED電壓 vol.				
3	6	12	24	36

發光顏色 Color					
紅	黃	藍	橙	綠	白
R	Y	U	O	G	W



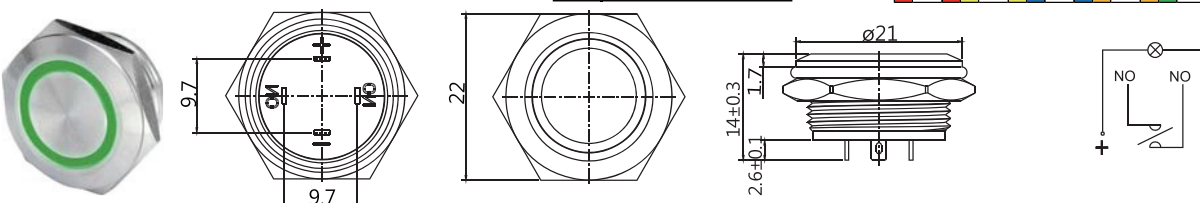
PBM19CM-11M (不帶燈/NO LIGHT)



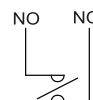
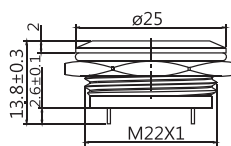
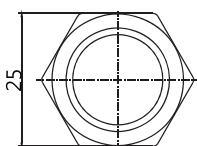
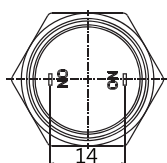
PBM19CM-11M (帶燈/ WITH LIGHT)

LED電壓 vol.				
3	6	12	24	36

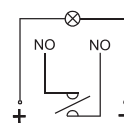
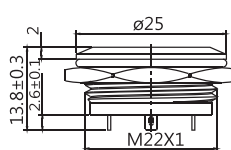
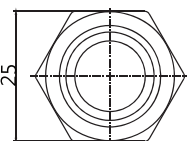
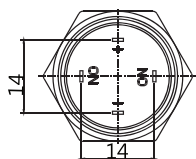
發光顏色 Color					
紅	黃	藍	橙	綠	白
R	Y	U	O	G	W



PBM22CM-11M (不帶燈/NO LIGHT)



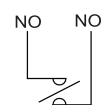
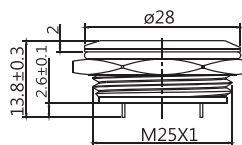
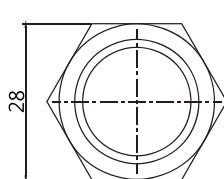
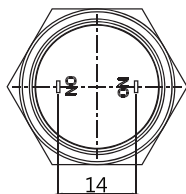
PBM22CM-11M (帶燈/ WITH LIGHT)



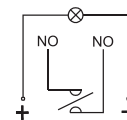
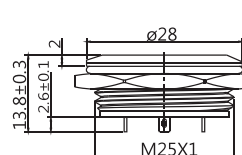
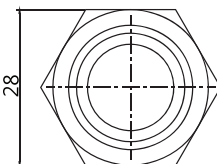
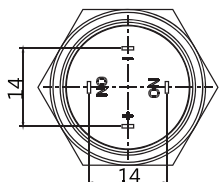
LED電壓 vol.				
3	6	12	24	36

發光顏色 Color					
紅	黃	藍	橙	綠	白
R	Y	U	O	G	W

PBM25CM-11M (不帶燈/NO LIGHT)



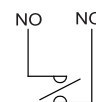
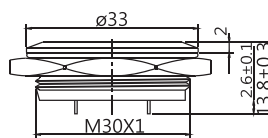
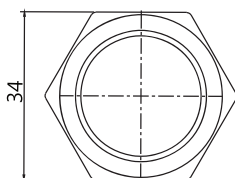
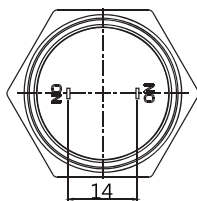
PBM25CM-11M (帶燈/ WITH LIGHT)



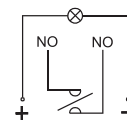
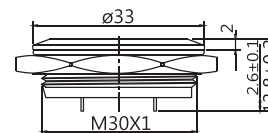
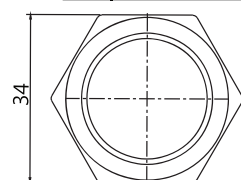
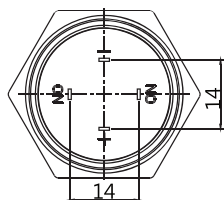
LED電壓 vol.				
3	6	12	24	36

發光顏色 Color					
紅	黃	藍	橙	綠	白
R	Y	U	O	G	W

PBM30CM-11M (不帶燈/NO LIGHT)



PBM30CM-11M (帶燈/ WITH LIGHT)

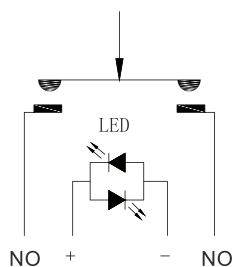


LED電壓 vol.				
3	6	12	24	36

發光顏色 Color					
紅	黃	藍	橙	綠	白
R	Y	U	O	G	W

Ith:10A 250VAC

1NO



低功耗LED: $\leq 20\text{mA}$

Low Power Consumption LED: $\leq 20\text{mA}$

常規電壓: 5-24V 220V, 訂製其他電壓

Normal Voltage: 5-24V 220V, Customizable Other Voltage

常規顏色: 紅色、綠色、藍色; 訂製: 黃色、白色

Normal Color: Red/Green/Blue; Customizable: Yellow/White



10A
Ith
大電流開關
High-Current



2500VAC
高絕緣耐壓
High-Insulation



LED
50000H
長壽命燈珠
Long Life LED



100萬次
機械壽命
Mechanical Life



V0
耐溫阻燃
Antiflaming



-40~80°C
環境耐溫強
Environment



IP67/IPK08
防水防爆
Protection Level



凹面頭部，方便按壓
Concave Head



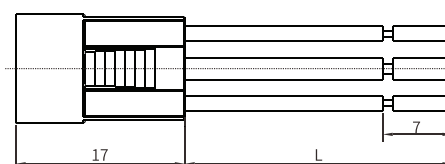
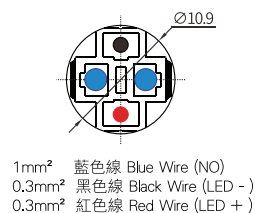
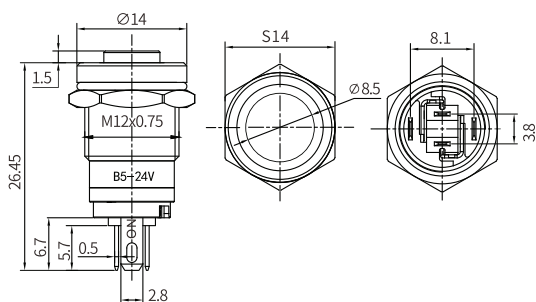
配套插件
Connector



鍍金鍍銀插腳
Gold/Silver Plated Pins

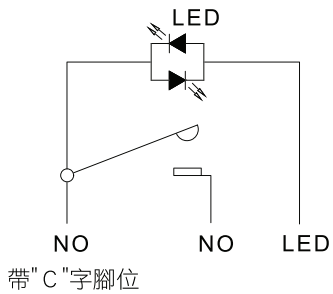


高亮均勻發光
Even and Soft LED



標準線長150mm，可訂做其他規格線長
Wire Length: 150mm, Customize other Sizes

Ith:15A 250VAC
1NO



低功耗LED: $\leq 20\text{mA}$
Low Power Consumption LED: $\leq 20\text{mA}$
常規電壓: 9-24V 220V, 訂製其他電壓
Normal Voltage: 9-24V 220V, Customizable Other Voltage
常規顏色: 紅色、綠色、藍色; 訂製: 黃色、白色
Normal Color: Red/Green/Blue; Customizable: Yellow/White



Ith 大電流開關 High-Current	1500VAC 高絕緣耐壓 High-Insulation	50000H 長壽命燈珠 Long Life LED	100萬次 機械壽命 Mechanical Life	V0 耐溫阻燃 Anti Laming	-40~80°C 環境耐溫強 Environment	IP65/IK10 防水防爆 Protection Level



柔光光圈，長壽命LED
Soft Light Aperature



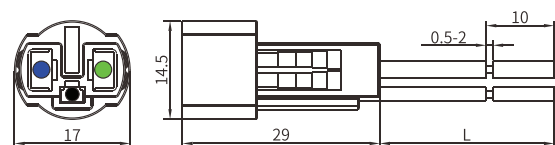
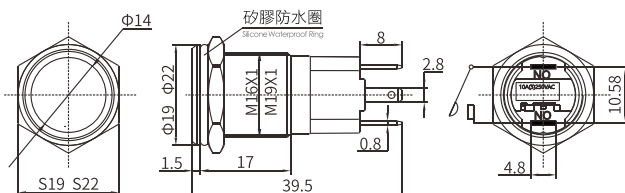
高精數控，精緻美觀
Seiko CNC



專用插件，阻燃耐溫
Connector



加大銀觸點，粗腳，電流大
Big Silver Contact

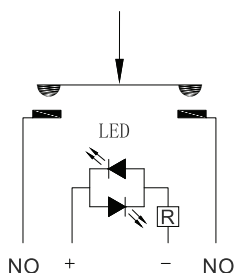


● 藍色和 ● 綠色NO線為1mm²，● 黑色燈腳線為0.5mm²
線長150mm，可訂做其他規格線長。

Blue and Green NO wire 1mm², Black LED wire 0.5mm²,
Wire Length: 150mm, Customize other sizes.

Ith:20A 250VAC

1NO



低功耗LED: $\leq 20\text{mA}$

Low Power Consumption LED: $\leq 20\text{mA}$

常規電壓: 5-24V 220V, 訂製其他電壓

Normal Voltage: 5-24V 220V, Customizable Other Voltage

常規顏色: 紅色、綠色、藍色; 訂製: 黃色、白色

Normal Color: Red/Green/Blue; Customizable: Yellow/White



Ith
大電流開關
High-Current



23mm
短款設計
Short Design



4000米
適合海拔
Long Life LED



50萬次
機械壽命
Mechanical Life



V0
連接端耐溫阻燃
Anti-Lamming



-40~80°C
抗耐溫範圍
Environment



IP66/IPK08
防水防爆
Protection Level



凹面頭部, 方便按壓
Concave Head



配套插件
Connector



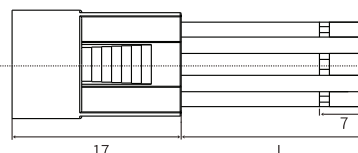
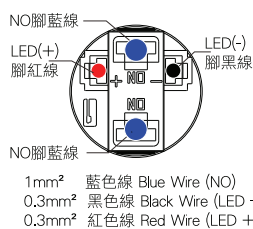
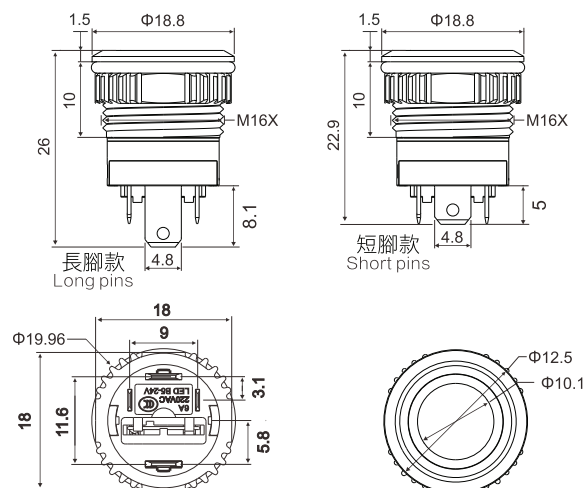
鍍銀長插腳
Silver Long Plated Pins



高亮均勻發光
Even and Soft LED

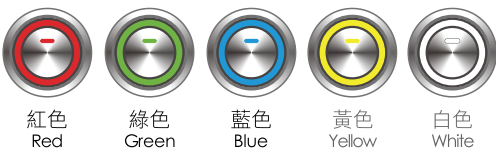
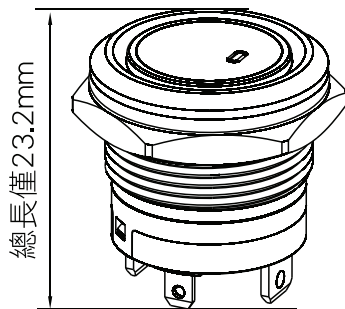
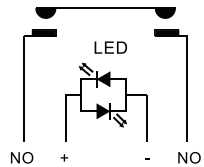


短腳無接插件
Short pin without connector



標準線長150mm, 可訂做其他尺寸
Wire Length: 150mm, Customize other Sizes

Ith:20A 250VAC
1NO



低功耗LED: $\leq 20\text{mA}$

Low Power Consumption LED: $\leq 20\text{mA}$

常規電壓: 5~24V 220V, 訂製其他電壓

Normal Voltage: 5~24V 220V, Customizable Other Voltage

常規顏色: 紅色、綠色、藍色; 訂製: 黃色、白色

Normal Color: Red/Green/Blue; Customizable: Yellow/White



20A
Ith
大電流開關
High-Current



2500VAC
高絕緣耐壓
High-Insulation



50000H
長壽命燈珠
Long Life LED



100萬次
機械壽命
Mechanical Life



V0
耐溫阻燃
Antif Laming



-40~80°C
環境耐溫強
Environment



IP67/IPK10
防水防爆
Protection Level



凹面大按鍵，貼合手指
Easy to Press



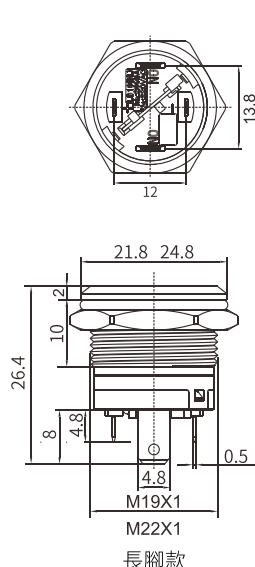
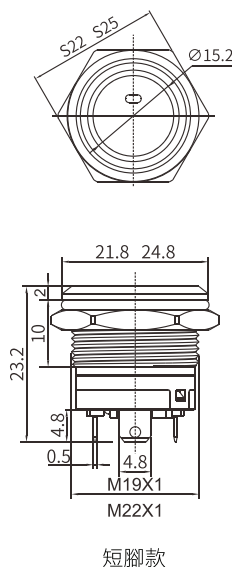
無極LED燈珠，大觸點
Non-Polar LED



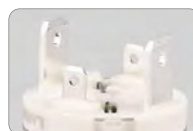
加粗鍍金腳，可拆鎖鉤
Thick Gold Plated



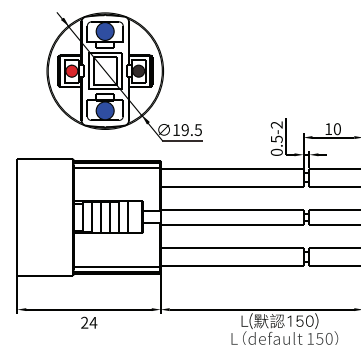
專用接插件
Connector



短腳款
Short pins



長腳配插件款
Long leg plug-in model

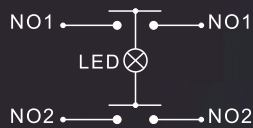


● 紅色和 ● 黑色燈腳線為0.5mm², ● 藍色NO負載線為1.5mm²
線長150mm, 可訂做其他規格線長。

Red and Black LED wire 0.5mm²; Blue NO wire 1.5mm²
Wire Length: 150mm, Customize other sizes.

Ith:20A 250VAC

2NO



低功耗LED: $\leq 20\text{mA}$
Low Power Consumption LED: $\leq 20\text{mA}$
常規電壓: 9-24V 220V, 訂製其他電壓
Normal Voltage: 9-24V 220V, Customizable Other Voltage
常規顏色: 紅色、綠色、藍色; 訂製: 黃色、白色
Normal Color: Red/Green/Blue; Customizable: Yellow/White



Ith
大電流開關
High-Current



3000VAC
高絕緣耐壓
High-Insulation



50000H
長壽命燈珠
Long Life LED



100萬次
機械壽命
Mechanical Life



V0
耐溫阻燃
Antif Laming



-40~80°C
環境耐溫強
Environment



IP67/IPK10
防水防爆
Protection Level



凹面設計, 貼合手指
Concave Design/Easy to press



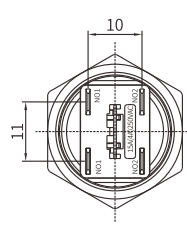
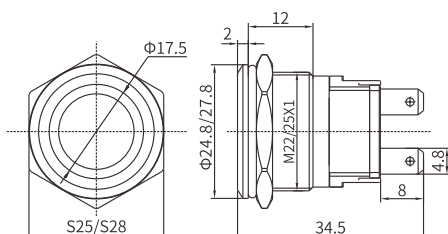
加粗鍍銀插腳, 大電流
Bold Silver plated Pins, High-Current



可配插件, 塑料件均阻燃
Connector



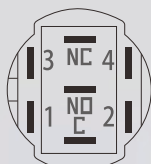
加大銀點, 雙鎖鉤
Bold Silver Contact



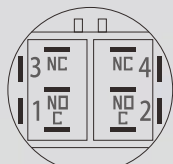
線長默認150mm, 1.5mm², 可訂做其他規格線長。
Wire Length: 150mm, 1.5mm² Customize other Sizes

1NO1NC / 2NO2NC

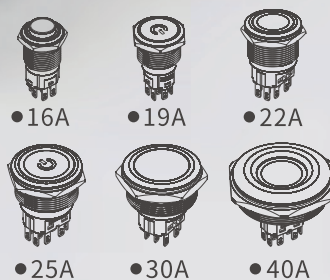
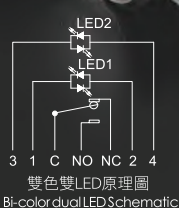
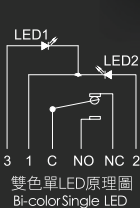
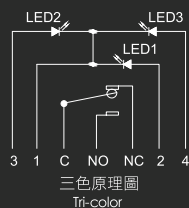
Ith:5A 250VAC



16-19mm
1NO1NC



22-40mm
1NO1NC/2NO2NC



Red/Green/Blue
可做雙色三色
Bi-color Tri-color



<50mΩ
快動高靈敏
Contact sensitive



50000H
長壽命燈珠
Long Life LED



100萬次
機械壽命
Mechanical Life



底座V0
耐溫阻燃
Antif Laming



-40~80°C
環境耐溫強
Environment



IP67/IK10
防水防爆
Protection Level



•16A(16mm)



•19A(19mm)



•22A(22mm)



•25A(25mm)



•30A(30mm)



•40A(40mm)



高亮度無極性寬電壓 LED

LongLife/Wide Voltage LED

低功耗LED: $\leq 20\text{mA}$

Low Power Consumption LED: $\leq 20\text{mA}$

常規電壓: 9~24V 220V, 訂製其他電壓

Normal Voltage: 9~24V 220V, Customizable Other Voltage

常規顏色: 紅色、綠色、藍色; 訂製: 黃色、白色、雙色、三色

Normal Color: Red/Green/Blue; Customizable: Yellow/White/Bi-color/Tri-color



頭部防水IP67
Waterproof IP67



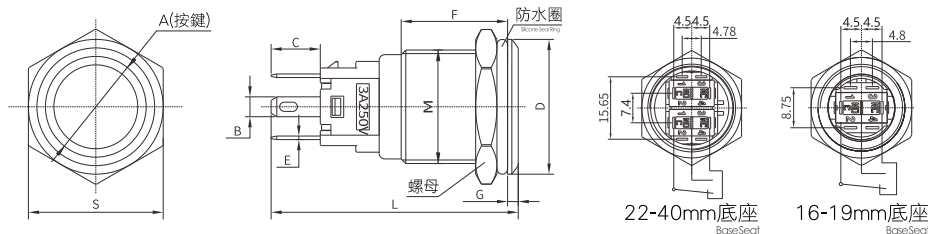
配套專用插件
Connector



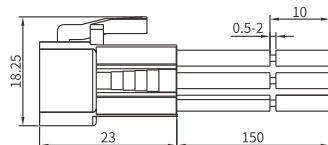
鍍金/銀插腳/銀觸點
Silver/Gold Pins/Contact



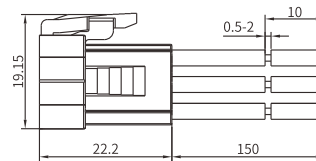
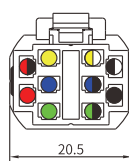
訂製外殼顏色
Custom Shell color



型號 Model / Size 尺寸	S	A	B	C	E	F	L	G	D	M	觸點類型 Contact
PBM16A	S19	Ø14	2.8	7	0.5	15	34.8	1.5	Ø19	M16X1	1NO1NC
PBM19A	S22	Ø17	2.8	7	0.5	15	34.8	1.5	Ø22	M19X1	1NO1NC
PBM22A	S25	Ø18	2.8	7	0.5	15	35	1.5	Ø25	M22X1	1NO1NC/2NO2NC
PBM25A	S28	Ø22	2.8	7	0.5	15	35	1.5	Ø28	M25X1	1NO1NC/2NO2NC
PBM28A	S31	Ø22	2.8	7	0.5	15	35	1.5	Ø31	M28X1	1NO1NC/2NO2NC
PBM30A	S34	Ø22	2.8	7	0.5	15	35	1.5	Ø33	M30X1	1NO1NC/2NO2NC
PBM40A	S45	Ø22	2.8	7	0.5	15	35	1.5	Ø43	M40X1	1NO1NC/2NO2NC



PBM16A PBM19A



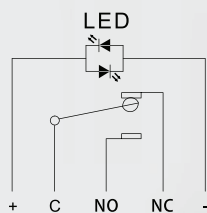
PBM22A PBM25A PBM28A PBM30A PBM40A

●●● 燈腳線 ●●● 雙色或三色燈腳線 ●●● NC線 ●●● NO線 ●●● C腳進線

使用0.5mm²電線，線長150mm，可訂做其他規格線長。
Wire Length: 150mm、0.5mm², Customizable other Sizes

1NO1NC/2NO2NC

Ith:5A 250VAC



低功耗LED: $\leq 20\text{mA}$

Low Power Consumption LED: $\leq 20\text{mA}$

常規電壓: 5-24V 220V, 訂製其他電壓

Normal Voltage: 5-24V 220V, Customizable Other Voltage

常規顏色: 紅色、綠色、藍色; 訂製: 黃色、白色

Normal Color: Red/Green/Blue; Customizable: Yellow/White



2500VAC
高絕緣耐壓
High-Insulation



<50mΩ
快動高靈敏
Contact sensitive



50000H
長壽命燈珠
Long Life LED



100萬次
機械壽命
Mechanical Life



V2
耐溫阻燃
Anti Latching



-40~80°C
環境耐溫強
Environment



IP65/IPK10
防水防爆
Protection Level



可做2常開2常閉
2NO2NC



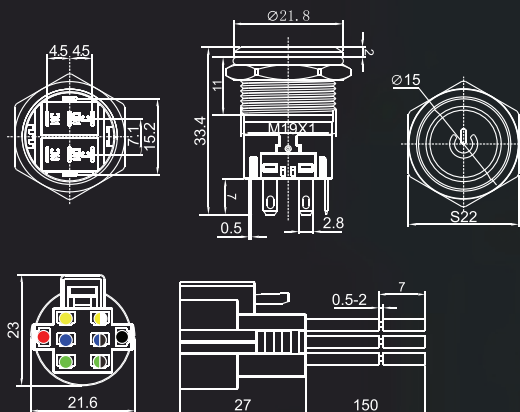
專用插件，防誤碰設計
Connector



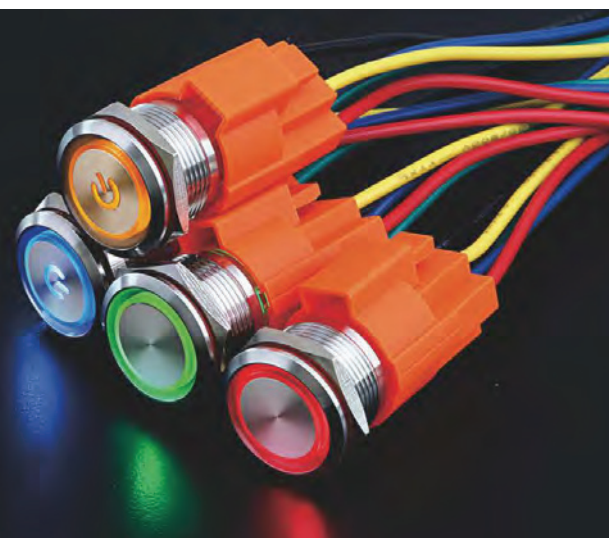
鍍金銀插腳，銀觸點
Gold Pins/Silver Contact



頭部防水，高亮LED
Head Waterproof



○ 燈腳線 ● NC線 ● NO線 ● C腳進線
使用0.5mm²電線，線長150mm，可訂做其他規格線長。
Wire Length: 150mm, 0.5mm², Customize the Sizes



Ith:3A 250VAC

1NO



無燈 Without
環形燈 RingLED
電源標 PowerSymbol



紅色 Red
綠色 Green
藍色 Blue
黃色 Yellow
白色 White

低功耗LED: $\leq 20\text{mA}$

Low Power Consumption LED: $\leq 20\text{mA}$

常規電壓: 5-24V 220V, 訂製其他電壓

Normal Voltage: 5-24V 220V, Customizable Other Voltage

常規顏色: 紅色、綠色、藍色; 訂製: 黃色、白色

Normal Color: Red/Green/Blue; Customizable: Yellow/White



頭部及外殼可做氧化彩色
Head and shell can be oxidized color



總長: 21.3mm



21.3mm
精緻短款
Delicate



彩色氧化頭部
Oxidized Color



50000H
長壽命燈珠
Long Life LED



100萬次
機械壽命
Mechanical Life



底座V0
耐溫阻燃
Anti Laming



-40~80°C
環境耐溫強
Environment



定制1500VAC
高絕緣耐壓
High-Insulation



12mm

小巧精緻，可配接插件
Small and Beautiful



16mm

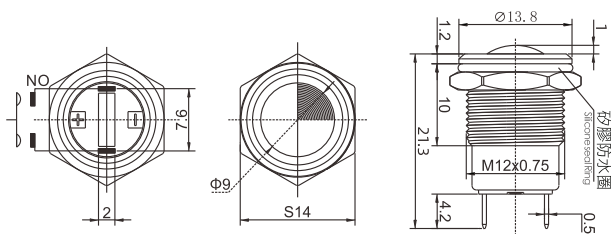
複位/自鎖-1NO
Momentary/Lock - 1NO



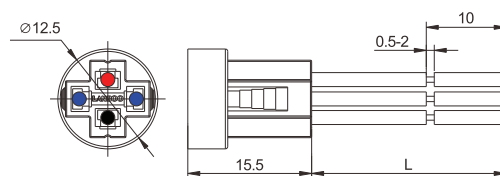
氧化彩色頭部及外殼
Can be oxidized color



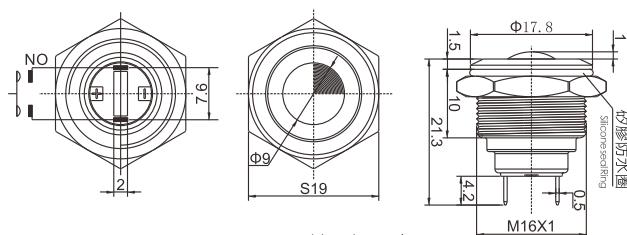
柔和高亮LED，長壽命
Soft and bright Long-Life LED



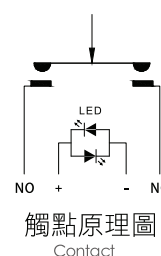
PBM12B外型尺寸
Outline Dimension



● 0.3mm² (NO) ● 0.3mm² (LED±)
使用0.3mm²電線，線長150mm，可訂做其他規格線長。
Wire Length: 150mm 0.3mm², Customize other Sizes

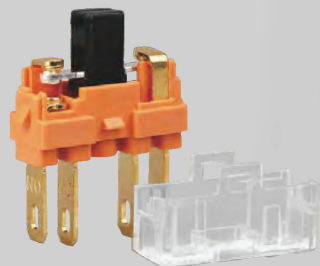


PBM16E外型尺寸
Outline Dimension

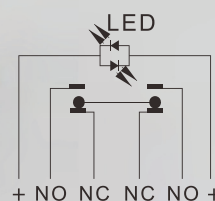


觸點原理圖
Contact

Ith:10A 250VAC
1NO1NC



大電流微動開關
High Current Micro Switch



10A
Ith
大電流開關
High-Current



2000VAC
高絕緣耐壓
High-Insulation



50000H
長壽命燈珠
Long Life LED



100萬次
機械壽命
Mechanical Life



底座V0
耐溫阻燃
Anti Laming



-40~80°C
環境耐溫強
Environment



IP67/IK10
防水防爆
Protection Level



可視化窗口，科技感十足
Visual Window



鍍金/鍍銀插腳，導電性好
Silver/Gold Plated Pins



加粗觸點，通過電流更大
Big Contact



柔和高亮LED
Soft And High Lighted LED



低功耗LED: ≤20mA

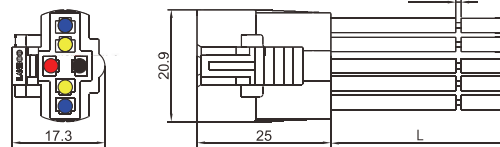
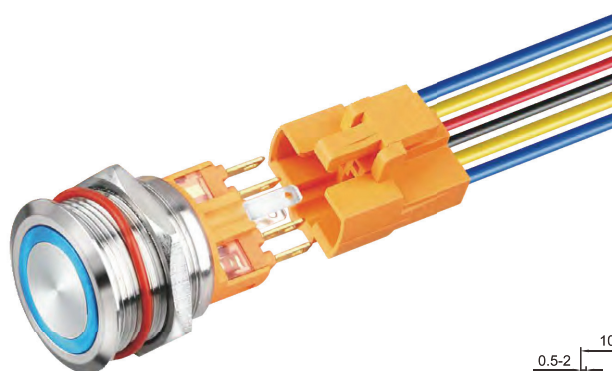
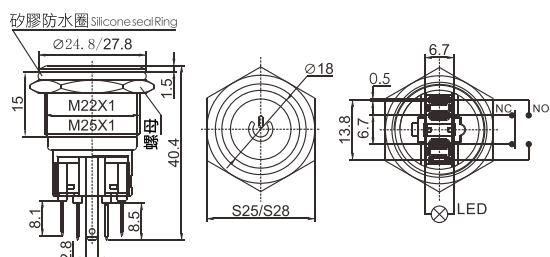
Low Power Consumption LED: ≤20mA

常規電壓: 9-24V 220V, 訂製其他電壓

Normal Voltage: 9-24V 220V, Customizable Other Voltage

常規顏色: 紅色、綠色、藍色; 訂製: 黃色、白色

Normal Color: Red/Green/Blue; Customizable: Yellow/White



● 燈腳線 ● NC線 ● NO線

NC NO 使用1mm²電線，LED 0.5mm²電線，
線長150mm，可訂做其他規格線長。

Wire Length: 150mm, NC NO : 1mm² wire,
LED: 0.5mm² wire, Customize other Sizes

Ith:5A 250VAC

IP68



環形燈
RingLED



環形+電源
Ring+PowerSymbol

通電藍色發光/觸摸紅色發光
Power-on-Blue; Touch Button-Red

LED長壽命 | 雙色指示 | 燈光柔和
LED High Durability | Bi-Color | Light Soft

輸入電壓：DC12V DC24V

Input Voltage



Ith
大電流開關
High-Current



Red/Blue
紅藍雙色指示
Bi-Color



50000H
長壽命燈珠
Long Life LED



100萬次
機械壽命
Mechanical Life



V2
耐溫阻燃
Anti-Lamming



-40~80°C
環境耐溫強
Environment



IP68/IK10
防水防爆
Protection Level



專用插件，卡扣設計
Connector



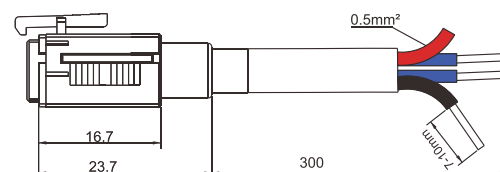
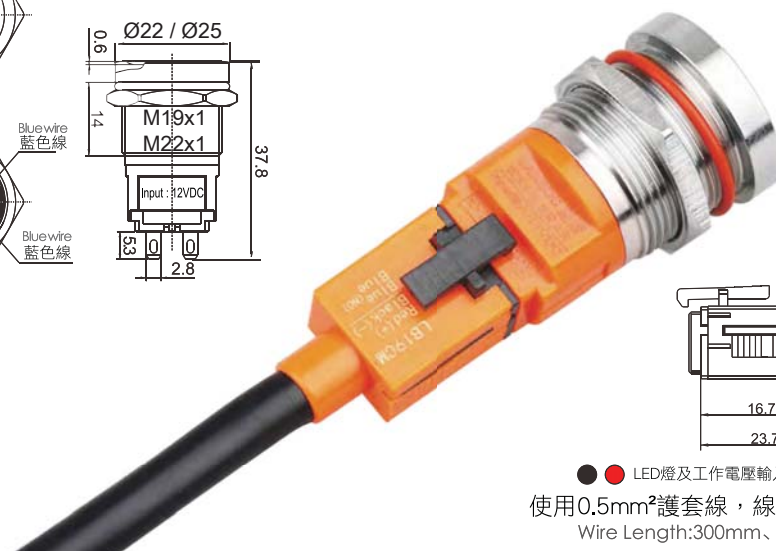
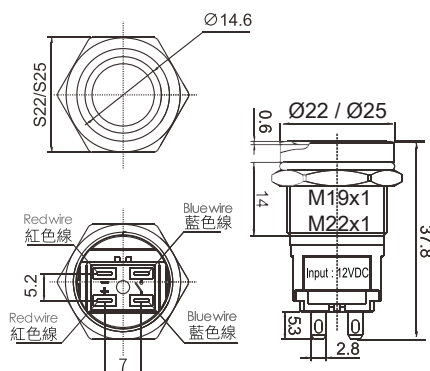
1NO 鍍金插腳
1NO Gold-Plated Pins



4芯護套線
4 Core Sheath Wire



氧化黑/不銹鋼
Oxidation Black/Stainless Steel



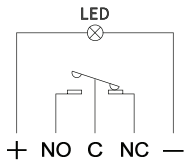
● LED燈及工作電壓輸入線 ● NO線(通電默認斷開，觸摸後導通，無源信號)

使用0.5mm²護套線，線長300mm，可訂做其他規格線長。

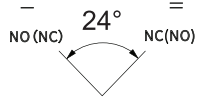
Wire Length:300mm、0.5mm²、Customize other Sizes

Ith:20A/250VAC
1N01NC

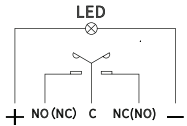
2檔 原理圖
Schematic diagram of 2 gear



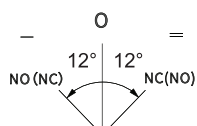
2檔
2 gear



3檔 原理圖
Schematic diagram of 3 gear



3檔
3 gear



環形燈
Ring LED



低功耗LED: $\leq 20\text{mA}$

Low Power Consumption LED: $\leq 20\text{mA}$

常規電壓: 5~24V 220V, 訂製其他電壓

Normal Voltage: 5~24V 220V, Customizable Other Voltage

常規顏色: 紅色、綠色; 訂製: 藍色、黃色、白色

Normal Color: Red/Green; Customizable: Blue/Yellow/White



Ith:20A
大電流開關
High-Current



大手柄
檔位清晰
Big Handle



50,000 hr
長壽命燈珠
Long Life LED



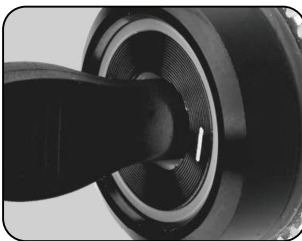
50萬次
機械壽命
Mechanical Life



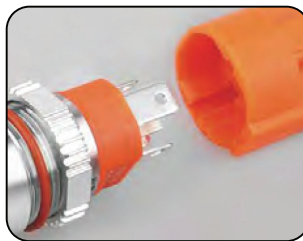
V0
耐溫阻燃
Antif Laming



-40~80°C
耐溫性能強
Environment



大手柄，頭部CD紋設計
Bighandle, Easy Operation



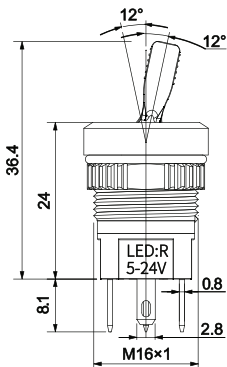
可配專用插件
Connector



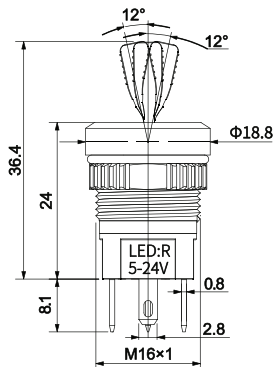
銀觸點，加粗銀插腳
Big Silver Pins



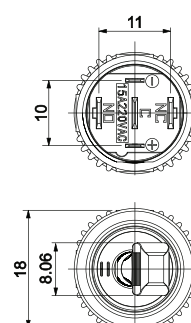
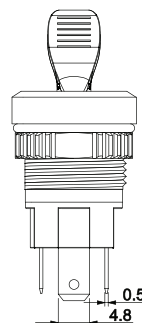
帶燈指示
LED



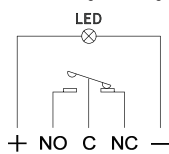
2檔
2 gear



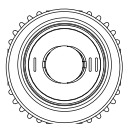
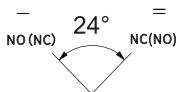
3檔
3 gear



2檔 原理圖
Schematic diagram of 2 gear

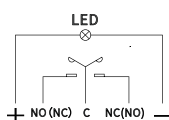


2檔
2 gear

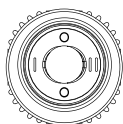
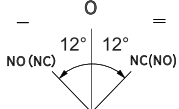


2檔
2 gear

3檔 原理圖
Schematic diagram of 3 gear



3檔
3 gear



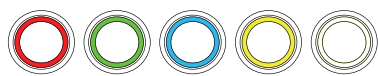
3檔
3 gear

Ith:20A/250VAC

1NO1NC



環形燈
Ring LED



紅色 Red 綠色 Green 藍色 Blue 黃色 Yellow 白色 White

低功耗LED: $\leq 20\text{mA}$

Low Power Consumption LED: $\leq 20\text{mA}$

常規電壓: 5~24V 220V, 訂製其他電壓

Normal Voltage: 5~24V 220V, Customizable Other Voltage

常規顏色: 紅色、綠色; 訂製: 藍色、黃色、白色

Normal Color: Red/Green; Customizable: Blue/Yellow/White



Ith:20A
大電流開關
High-Current



鍍銅鍍手柄
穩定耐用
Copper nickel plating



50,000 hr
長壽命燈珠
Long Life LED



50萬次
機械壽命
Mechanical Life



V0
耐溫阻燃
Antiflaming



-40~80°C
耐溫性能強
Environment



銅鍍鍍手柄
Copper nickel plating



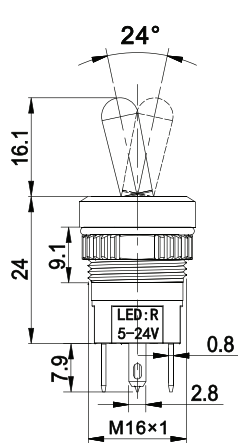
V0級阻燃底座
Flame retardant base



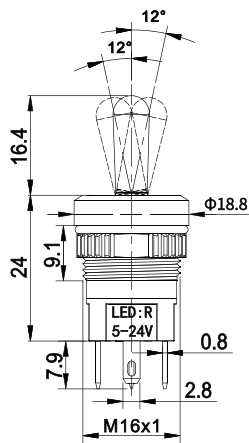
鍍金/鍍銀引腳
Pin



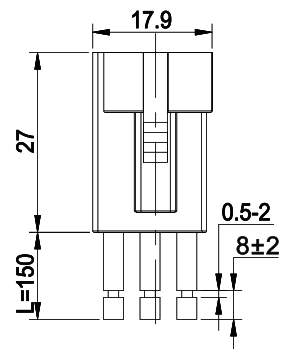
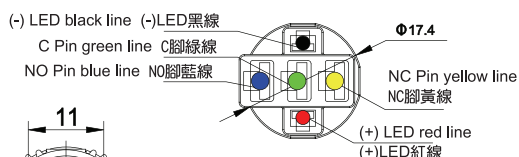
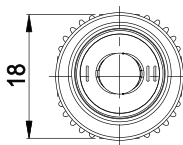
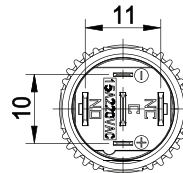
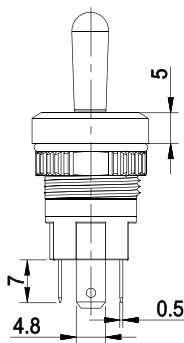
帶燈指示
LED



2檔
2 gear



3檔
3 gear

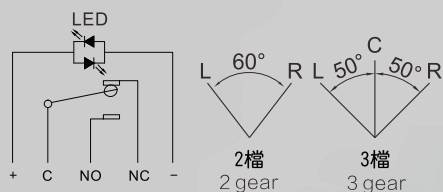


●●● 燈腳線 ●●● NC線 ●●● NO線 ●●● C腳進線
●●● 0.5mm², ●●● 1.5mm²,
線長150mm 可訂做其他規格線長
Wire Length: 150mm, Customize other Sizes

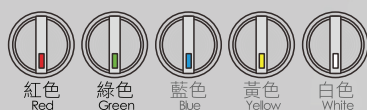
1N01NC/2N02NC

Ith:5A 250VAC

IP65



D型限位槽安裝 D Locating Slot



低功耗LED: $\leq 20\text{mA}$

Low Power Consumption LED: $\leq 20\text{mA}$

常規電壓:5-24V 220V，訂製其他電壓

Normal Voltage:5-24V 220V, Customizable Other Voltage

常規顏色:紅色、綠色;訂製:藍色、黃色、白色

Normal Color: Red/Green: Customizable: Blue/Yellow/White



大旋柄
手感更好
Big handle



50000H
長壽命燈珠
Long Life LED



25萬次
機械壽命
Mechanical Life



鍍金/銀插腳
Gold Plated/Silver Pins



V2
耐溫阻燃
Antif Laming



-40~80℃
耐溫性能強
Environment



帶燈，大旋柄
LED,Big Handle



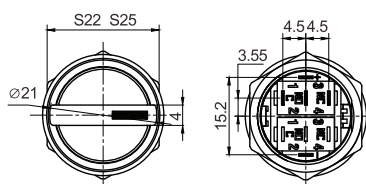
專用插件，防誤碰設計
Connector



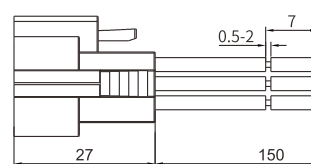
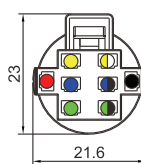
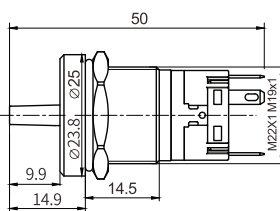
鍍金銀插腳，銀觸點
Gold Plated Pins/Silver Contact



頭部防水，高亮LED
IP65, With LED



19mm 22mm

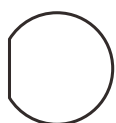
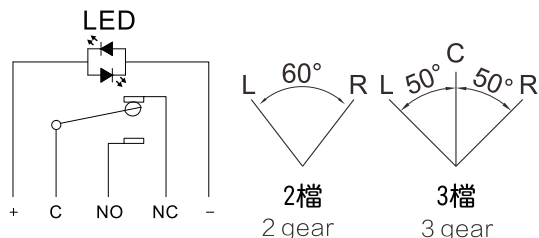


●● 燈腳線 ●● NC線 ●● NO線 ●● C腳進線

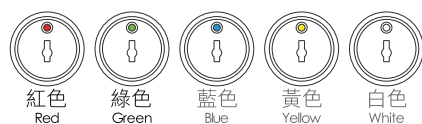
使用0.5mm²電線，線長150mm，可訂做其他規格線長。
Wire Length:150mm、0.5mm² Customize other Sizes

1NO1NC/2NO2NC

Ith:5A 250VAC



D型限位槽安裝
D Locating slot



低功耗LED: $\leq 20\text{mA}$

Low Power Consumption LED: $\leq 20\text{mA}$

常規電壓: 5-24V 220V, 訂製其他電壓

Normal Voltage: 5-24V 220V, Customizable Other Voltage

常規顏色: 紅色、綠色; 訂製: 藍色、黃色、白色

Normal Color: Red/Green; Customizable: Blue/Yellow/White



迷你柄
方便操作
Mini Handle



50000H
長壽命燈珠
Long Life LED



25萬次
機械壽命
Mechanical Life



鍍金/銀插腳
Gold Plated/Silver Pins



V2
耐溫阻燃
Anti-falling



-40~80°C
耐溫性能強
Environment



皮革紋路手柄, 手感好
Feel Good



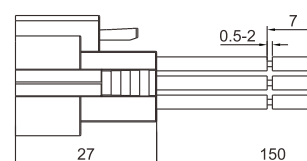
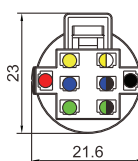
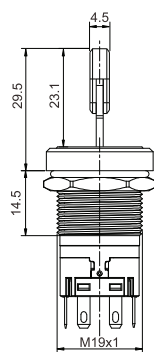
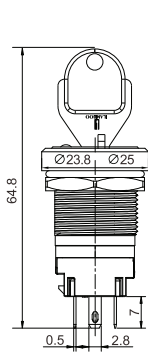
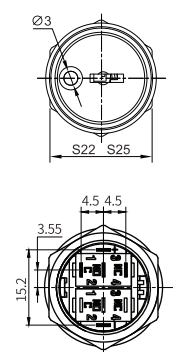
可配專用插件
Connector



鍍金銀插腳, 銀觸點
Gold Plated Pins/Silver Contact



帶燈指示
LED

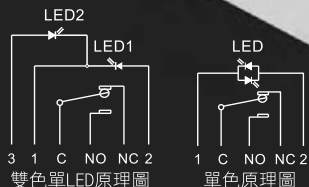


● 燈腳線 ● NC線 ● NO線 ● C腳進線

使用0.5mm²電線, 線長150mm, 可訂做其他規格線長。
Wire Length: 150mm、0.5mm², Customize other Sizes

16/19/22mm

Ith:5A 250VAC



M4可做雙色，比如通電綠色，按下紅色
M4 Power on-Green LED, Push down button-Red LED

M5系列可達IP67，M4可訂製IP65

M5 Series IP67, M4 can be customized IP65

低功耗LED: $\leq 20\text{mA}$

Low Power Consumption LED: $\leq 20\text{mA}$

常規電壓: 5-24V 220V, 訂製其他電壓

Normal Voltage: 5-24V 220V, Customizable Other Voltage

常規顏色: 紅色、綠色; 訂製: 藍色、黃色、白色、M4紅綠雙色

Normal Color: Red/Green; Customizable: Blue/Yellow/White/M4 Red-Green Bi-color

19M5.4
(IP65)

22M5.4
(IP65)

22M4
(IP65)



Red/Green
M4可做雙色
M4 Bi-Color



2500VAC
M5絕緣耐壓
High-Insulation



50000H
長壽命燈珠
Long Life LED



25萬次
機械壽命
Mechanical Life



V2
耐溫阻燃
Antif Laming



-40~80°C
環境耐溫強
Environment



IP65/IPK10
M5防水防爆
Protection Level



紅綠雙色指示，防滑邊緣
Red-Green Bi-color



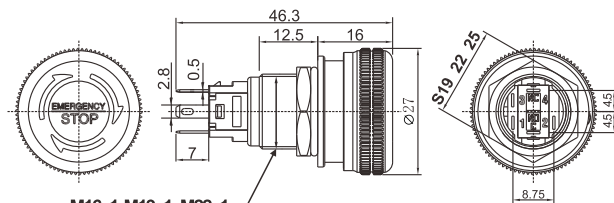
D型限位槽設計
"D" Locating Slot



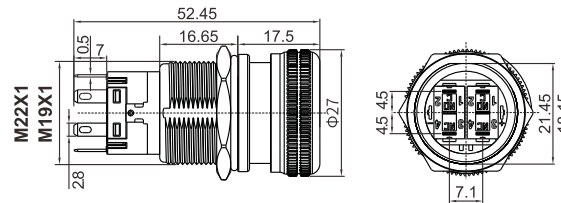
鍍金插腳，銀觸點
Gold Plated Pins/Silver Contact



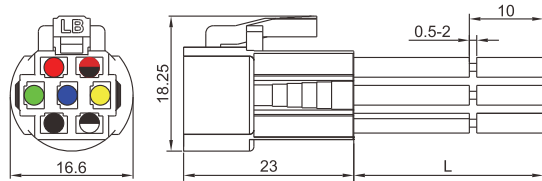
專用接插件
Connector



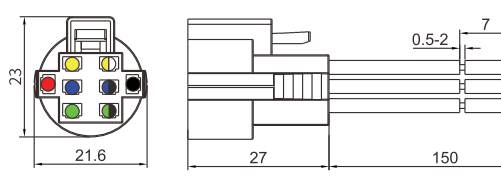
16/19/22M4急停
16/19/22M4 Stop Button



19M5.4 / 22M5.4急停
19/22M5.4 Stop Button



16M4 專用接插件
Connector



M5.1 / M5.2 / 5.4專用接插件
Connector

●● 燈腳線 ●● 雙色燈腳線 ●● NC線 ●● NO線 ●● C腳進線

使用0.5mm²電線，線長150mm，可訂做其他規格線長。
Wire Length: 150mm、0.5mm², Customize other Sizes



PBM19/22M6



PBM19/22M5.1



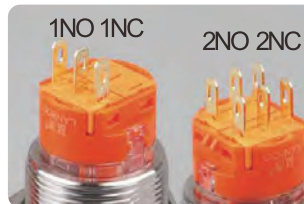
PBM19/22M5.2



鋁氧化加大頭部，手感好
Aluminum Oxide Red



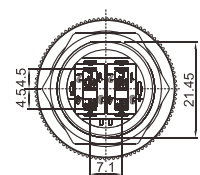
D型限位槽設計
"D" Locating Slot



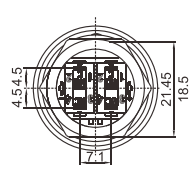
鍍金插腳，銀觸點
Gold Plated Pins/Silver Contact



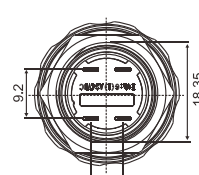
專用接插件
Connector



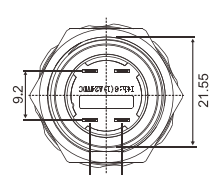
M5.1



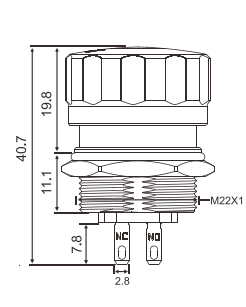
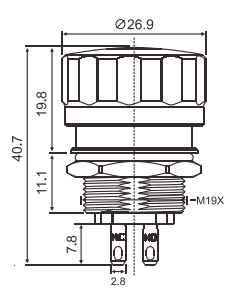
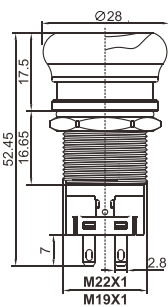
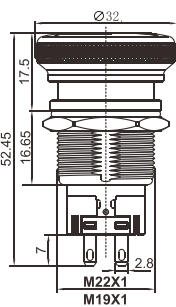
M5.2



19M6



22M6



外殼材質：不銹鋼、銅鍍鉻，可訂製鋁氧化、不銹鋼鍍鈦
Material: stainless steel/Copper chrome plating;
Customizable: Aluminum oxidation/Stainless steel titanium plating

常規電壓：5-24V、220V，可訂製其他電壓
Normal Voltage: 5-24V 220V; Customizable: Other Voltage

常規顏色：紅色、綠色、藍色，可訂製顏色：黃色、白色
Normal Color: Red/Green/Blue; Customizable: Yellow/White



Ith:7A
大電流開關
High-Current



1500VAC
高絕緣耐壓
High-Insulation



Metal
不銹鋼外殼
stainless steel



50000H
長壽命燈珠
Long Life LED



30萬次
機械壽命
Mechanical Life



IP68/IK10
防水防爆
Protection Level



-40~80°C
環境耐溫度
Environment



不銹鋼外殼，堅固耐用
stainless steel



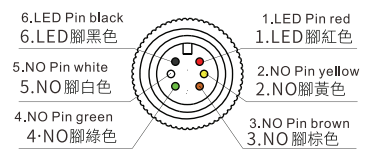
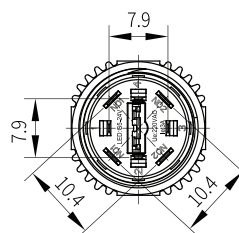
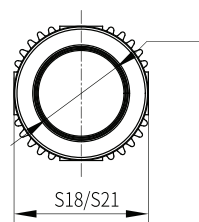
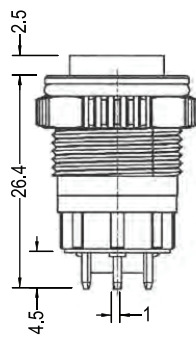
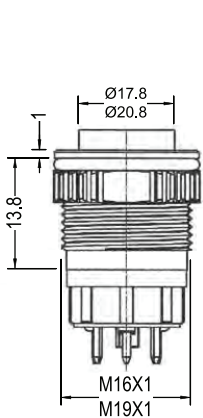
鍍金／銀引腳
Silver tin oxide



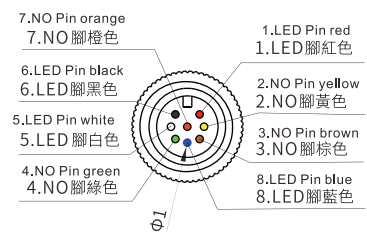
線性環形發光
stainless steel



防水等級IP68
Waterproof grade IP68

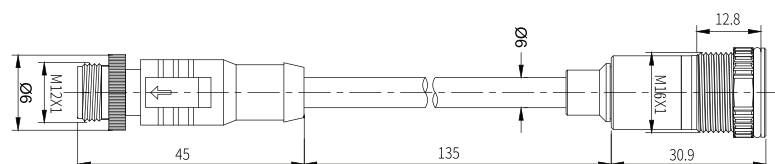


6線單色腳位

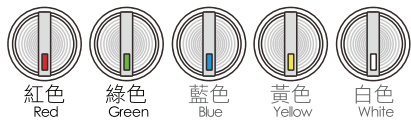


8線三色腳位

型號 16F/19F/16X1/19X1/16Y1/19Y1 通用



Ith:7A 250VAC



紅色 Red
綠色 Green
藍色 Blue
黃色 Yellow
白色 White

低功耗LED: $\leq 20\text{mA}$

Low Power Consumption LED: $\leq 20\text{mA}$

常規電壓: 5-24V 220V, 訂製其他電壓

Normal Voltage: 5-24V 220V, Customizable Other Voltage

常規顏色: 紅色、綠色; 訂製: 藍色、黃色、白色

Normal Color: Red/Green; Customizable: Blue/Yellow/White



大旋柄
手感更好
Big handle



50000H
長壽命燈珠
Long Life LED



二檔: 10萬次
機械壽命
Mechanical Life



鍍金/銀插腳
Gold Plated/Silver Pins



V2
耐溫阻燃
Antif Laming



-40~80°C
耐溫性能強
Environment



帶燈, 大旋柄
LED, Big Handle



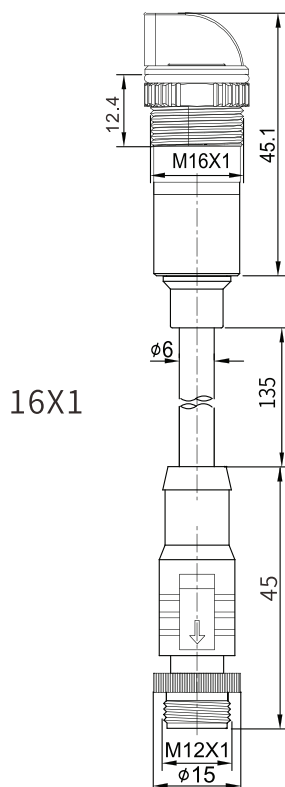
鍍金/銀引腳
Gold Plated Pins/Silver Contact



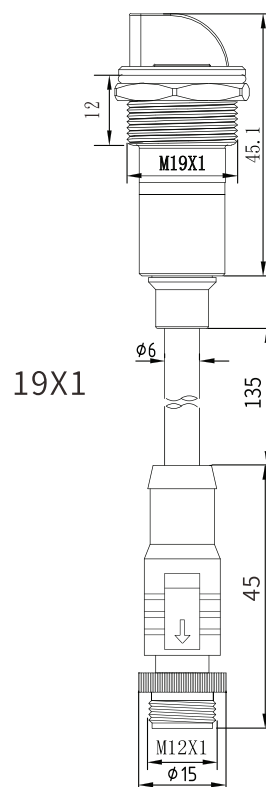
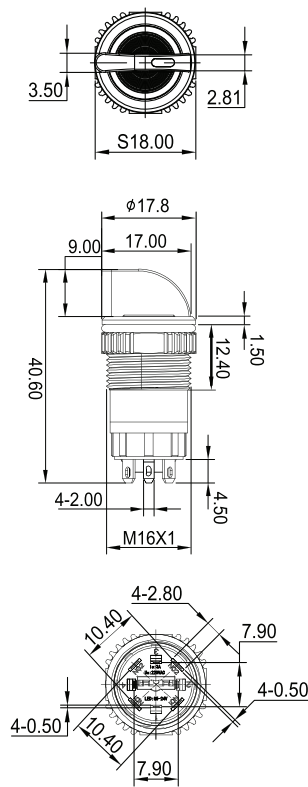
不銹鋼外殼, 堅固耐用
stainless steel



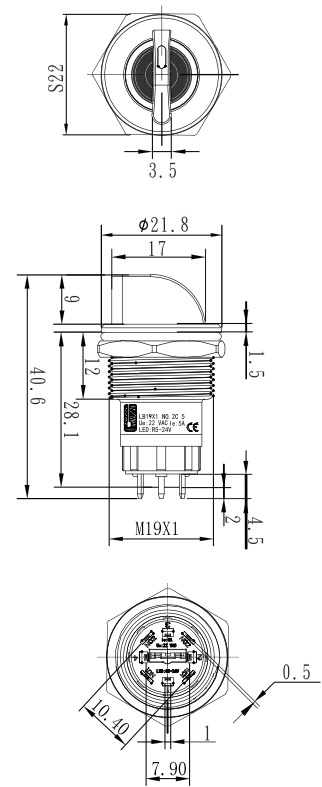
高亮LED經久耐用
Long Life LED



16X1



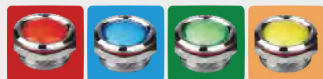
19X1



IP68



紅色 Red 藍色 Blue 綠色 Green 黃色 Yellow



紅色 Red 藍色 Blue 綠色 Green 黃色 Yellow

6-12mm:IP40/其中10/12mm可做雙色9-24V 220V

6-12mm:IP40, 10/12mm Bi-color/9-24V 220V

16-25mm:IP68/螺絲腳款可做雙色三色/5-24V 220V

16-25mm:IP68/Screw pins Bi-color, Tri-color/5-24V 220V

可做灌膠款

Can be used for glue filling



Red/Green/Blue
可做雙色三色
Bi-Color Tri-Color



燈光高亮
大發光面
Whole Facelight



50000H
長壽命燈珠
Long Life LED



<20mA
低功耗
Low -Power



V0
耐溫阻燃
Antif Laming



-40~80℃
環境耐溫強
Environment



IP68/IPK10
防水防爆
Protection Level



6-12mm亞光面發光
Matte Surface



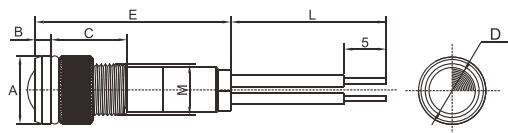
16-25mm亮面大發光面
Bright Glowing



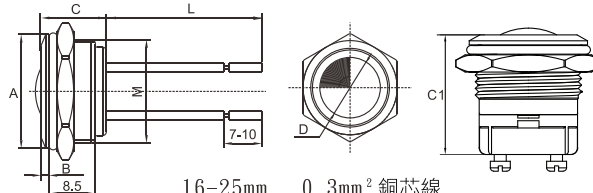
16-25mm螺絲腳款可做雙色三色
Screw Pins/Bi-Color/Tri-Color



五顏六色，燈光明亮
Multicoloured



6~12mm 0.15mm² 銅芯線
Copper core wire



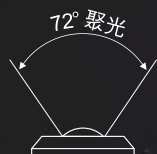
16~25mm 0.3mm² 銅芯線
Copper core wire

直徑 Diameter	A	B	C	D	E	L
6 mm	Ø8	1.8	9	Ø5.5	23	150
8 mm	Ø10	1.8	10	Ø5.5	23.6	150
10 mm	Ø12	1.8	11	Ø8	23.6	150
12 mm	Ø14	1.8	11	Ø8	23.6	150

直徑 Diameter	A	B	C	C1	D	L
16 mm	Ø17.8	1.5	12	18	Ø11.5	150
19 mm	Ø20.9	1.5	12	18	Ø11.5	150
22 mm	Ø24.8	2	13	18	Ø18	150
25 mm	Ø27.9	2	13	18	Ø18	150

PBM	I	Q	C	發光顏色 Emitting color	帶燈電壓 Lamp Voltage	外殼材質 Hull Material	接線類型 Connection
產品型號 HsuanYen Series	開孔尺寸 Hole	系列號 Series	頭部形狀 Head Style	發光類型 Emitting type			
6	6mm	Z	球型頭部 Ball head	整面發光 Full face luminous	N	不銹鋼 stainless steel	S 焊線端子 Solder Terminal
8	8mm				3		
10	10mm	A			6	黃銅鍍鉻 Brass chrome plating	L 螺絲腳 Screw foot
12	12mm				12		
16	16mm				24		X 帶線長度 Line length
19	19mm				36		
22	22mm				110	鋁氧化 Aluminum oxidation	
25	25mm				220		X150 Line length 150mm
					其他電壓可訂做 Other voltages can be customized		

IP68



紅色
Red



綠色
Green



黃色
Yellow



藍色
Blue

低功耗LED: $\leq 20\text{mA}$

Low Power Consumption LED

常規電壓: 5-24V 220V, 訂製其他電壓

Normal Voltage: 5-24V 220V, Customizable Other Voltage



燈光高亮
大發光面
Whole Face Light



72°C
透鏡聚光
Optical lens Spotlight



50000H
長壽命燈珠
Long Life LED



<20mA
低功耗
Low power Consumption



V2
耐溫阻燃
Antif Laming



-40~80°C
環境耐溫強
Environment



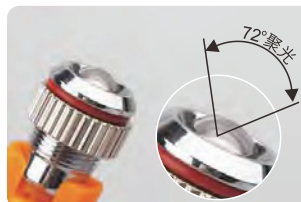
IP68/IPK10
防水防爆
Protection Level



小巧精緻
Delicate



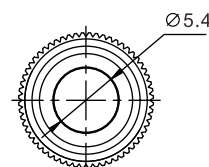
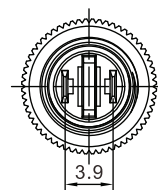
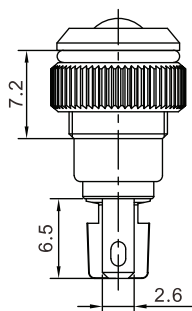
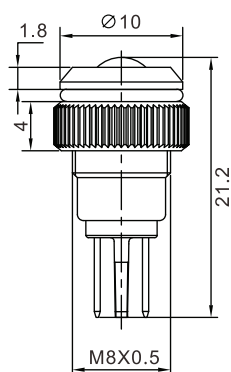
專用接插件
Connector



透鏡聚光好
Optical lens Spotlight



五顏六色，燈光明亮
Multicoloured



Ith:10A 250 VAC



外殼材質:不銹鋼,可訂製鋁氧化、銅鍍鉻

Material:stainless steel;

Customizable: Aluminum oxidation/Copper chrome plating

常規電壓:5-24V 220V,訂製其他電壓

Normal Voltage:5-24V 220V, Customizable Other Voltage

常規顏色:紅色、綠色、藍色;訂製:黃色、白色

Normal Color:Red/Green/Blue; Customizable:Yellow/White



Ith:10A
大電流開關
High-Current



2500VAC
高絕緣耐壓
High-Insulation



Metal
不銹鋼外殼
stainless steel



50000H
長壽命燈珠
Long Life LED



30萬次
機械壽命
Mechanical Life



IP68/IK10
防水防爆
Protection Level



-40~80°C
環境耐溫強
Environment



不銹鋼外殼,堅固耐用
stainless steel



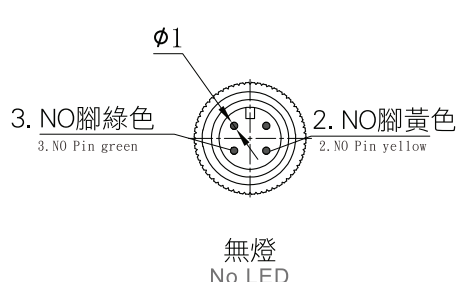
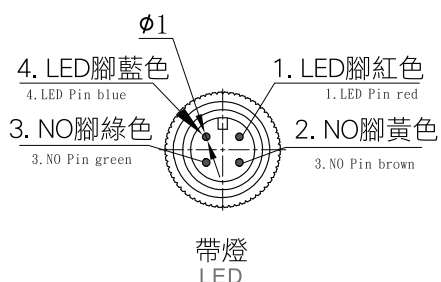
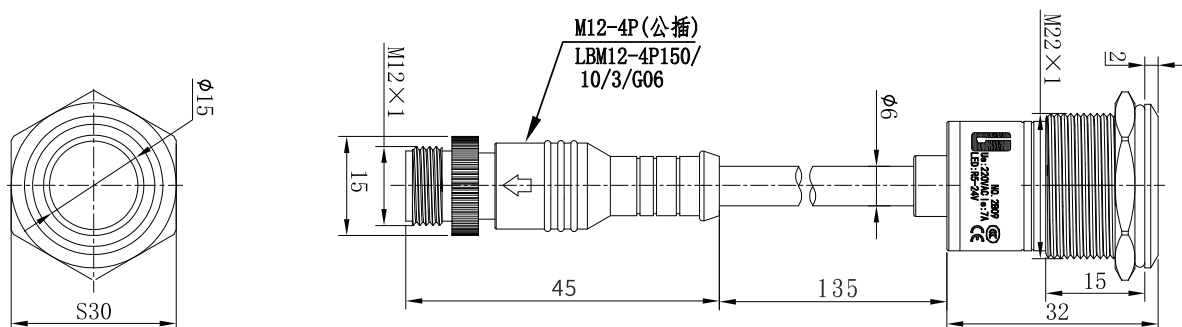
高亮LED,經久耐用
Long Life LED



不銹鋼按鍵
stainless steel



防水等級IP68
Waterproof grade IP68



金屬頭部/阻燃外殼

Metal head/Retardant shell

70~100dB/5cm

DC12V/24V/AC220V

IP65



70-100dB/5cm
蜂鳴響亮
Sonority



約0.5秒
間隙閃爍
Clearance Flashing



10000H
持續通電1萬小時
Continuous Electricity



IP65/IK10
防水防爆
Protection Level



V2
耐溫阻燃
Anti Laming



-40~80℃
耐溫性能強
Environment



304金屬面罩，IP65
304StainlessSteel · IP65



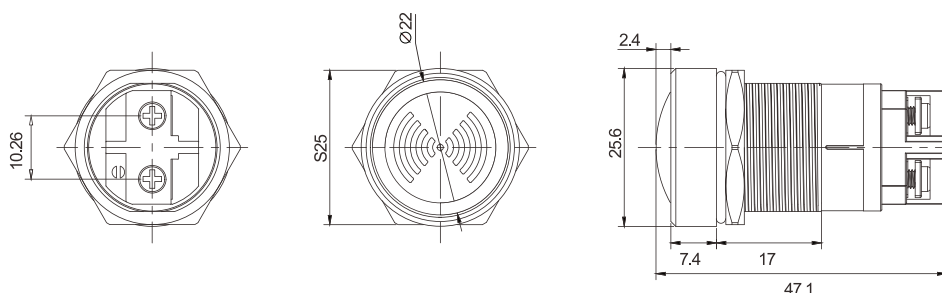
球頭發光角度更大
Ball head



螺絲腳方便接線
Screw Pins



高亮閃爍燈光
70dB/LED



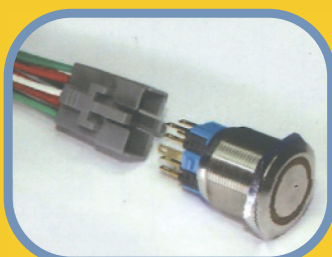
2025



燕 華
YEN HWA



薄型金屬開關系列



連接示意圖



環形發光效果



緊急開關系列



大電流金屬開關系列



金屬開關爆光效果圖

玄燕電子國際有限公司

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Tel:886-6-6022821~2 Fax:886-6-6022823
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<http://www.hsuanyen.com.tw>
許進勝手機：0935405756

惠州市台燁電子科技有限公司

JASON ELECTRONICS TECHNOLOGY LIMITED
廣東省惠州市博羅縣石灣鎮石灣大道109號

許進勝手機：18948229697

惠州市恒際電子有限公司

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