

G12系列 / G12 Series

大型微動開關

Big Size Micro Switch



■ 特點/Features

- ◆ 外殼採用耐高溫的酚醛塑料
- ◆ 非常靈敏的差動行程
- ◆ 精確的操作重複性
- ◆ 超長的機械壽命
- ◆ 通過ENEC/UL/CuI/CQC認證

- Housing are Made of High Temperature Bakelite
- High Sensitive Differential Travel
- Precise Operation Repeatability
- Long Mechanical Life
- ENEC/UL/CuI/CQC Approved

■ 應用/Application

- ◆ 机床設備
- ◆ 電梯
- ◆ 汽車生產線
- ◆ 民用、產業機械領域
- ◆ 自動化領域內的任何自動化應用

- Machine Tools
- Elevators
- Auto Production Line
- Civilian,Industrial Machinery Field
- Any Automation Applications in Automotive Field

■ 特性參數/Parameters

額定值/Rating	16 A	ENEC/CQC 16A 125/250 or 480VAC 1/8HP 125VAC 1/4HP 250VAC 0.5A 125VDC 0.25A 250VDC
		UL/cUL 16A 125/250VAC 5E4 μ 40T85
	22 A	ENEC/CQC 22A 125/250 or 480VAC 1/4HP 125VAC 1/2HP 250VAC 0.5A 125VDC 0.25A 250VDC
		UL/cUL 22A 125/250VAC 5E4 μ 40T85
	26 A	ENEC/CQC 26A 125/250 or 480VAC 1/2HP 125VAC 1HP 250VAC 0.5A 125VDC 0.25A 250VDC
		UL/cUL 26A 250VAC 5E4 μ 40T85
操作頻率/Operating Frequency	電氣/Electrical	10 ~ 30 次/分 cycles/min
	機械/Mechanical	240 次/分 cycles/min
觸點電阻 (初始值) Contact Resistance(Initial Value)		50m Ω Max.
絕緣電阻/Insulation Resistance		100M Ω Min(at 500VDC)
抗電強度/Dielectric Strength	端子間/between terminals	1500VAC 50/60Hz 1min
	端子與外殼/between terminals and housing	2500VAC 50/60Hz 1min
環境溫度/Storage Temperature		-40° C ~ +85° C
保存濕度/Storage Humidity		85%RH Max
壽命/Life	電氣/Electrical	50,000 次 cyles or 100,000次 cyles 取決于具體型號/Depends on Part No.
	機械/Mechanical	10,000,000次 cyles
單重/Unit Net Weight		約60g (防滴型面板安裝式) Approx 60g(Drip proof panel mounting type)

G12系列微動開關訂貨型號指引

G12 Series Micro Switch Ordering Instruction

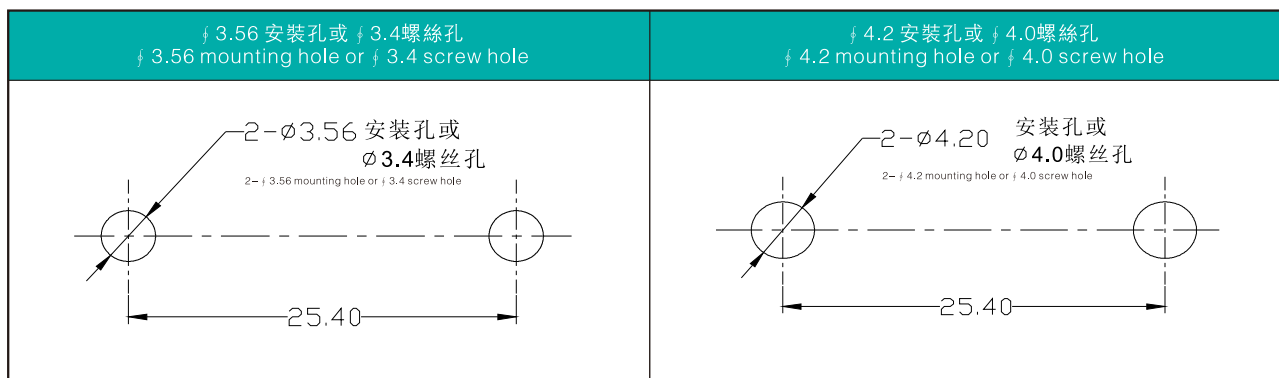
G12	16	1	R1	A	A	X	X
開關類別 Switch Type	額定電流 Electrical Life	保護類型 Protection Type	操作類型 Level Type	接線形式 Circuit Code	端子類型 Terminal Type	特別設計代碼 Special designator	特別設計代碼 Special designator
G12系列微動開關 G12 Series Micro Switch	16 UL/CUL 16A 125/250 or 480VAC 1/8HP 125VAC 1/4HP 250VAC 0.5A 125VDC 0.25A 250VDC ENEC/CQC 16A 250VAC 5E4 u 40T85	1 一般型 General Type	R1 柱塞式 Pin Plunger	A SPDT 單極雙投	A 螺紋端子 Screw Terminals		
	22 UL/CUL 22A 125/250 or 480VAC 1/4HP 125VAC 1/2HP 250VAC 0.5A 125VDC 0.25A 250VDC ENEC 22A 250VAC 5E4 u 40T85	2 防滴型 IP62 Drip Proof Type	RD1 彈簧柱塞式 Spring Pin Plunge	B SPST-NC 單極單投-常閉	B 焊接端子 Solder Terminals	K 4.2 安裝孔 Mounting Hole	
	26 UL/CUL 26A 125/250 or 480VAC 1/2HP 125VAC 1HP 250VAC 0.5A 125VDC 0.25A 250VDC ENEC 26A 250VAC 5E4 u 40T85	3 防滴型 IP63 (含端子部分) Drip Proof Type (Terminal Included)	RQ1 面板安裝柱塞式 Panel Mounting Plunger	C SPST-NO 單極單投-常開	... 其它 Other	D 特別用于大電 流直流Special for High DC Rating	
	...	其他 Other	RQ2 面板安裝滾輪柱塞式 Panel mounting roller plunger			...	其它 Other
			RQ3 面板安裝正交滾輪柱塞式 Panel Mounting Cross Roller Plunger				
			RW1 擺杆式 Swing Lever				
			RW2 短擺杆式 Short Swing Lever				
			RW3 滾輪擺杆式 Roller Swing Lever				
			RW4 滾輪短擺杆式 Short Swing Lever				
			RL1 簧片型手柄 Spring Straight Lever				
			RL2 滾輪簧片型手柄 Spring Roller Lever				
			...				

G12系列 | 安裝孔位、接觸形式、端子尺寸、外形介紹

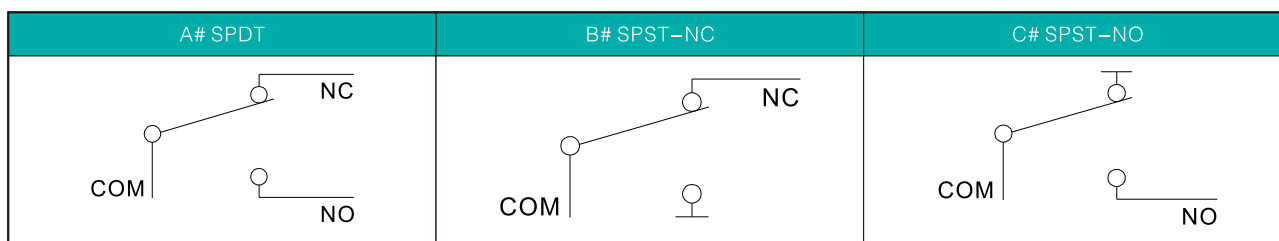
G12 Series | Mounting Hole, Circuit, Terminal Type, Shape

■ 安裝孔尺寸 Mounting Hole Dimensions

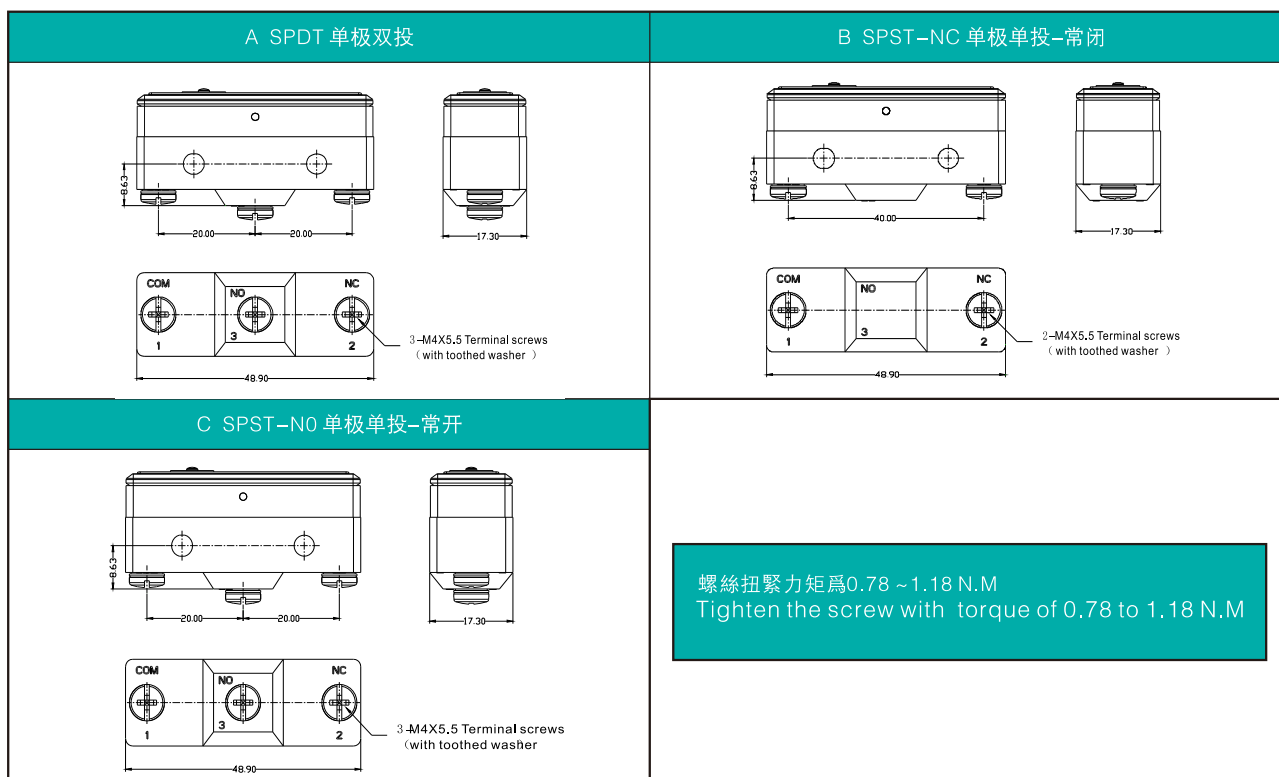
(單位Unit:mm)



■ 接觸型式 Circuit Configuration

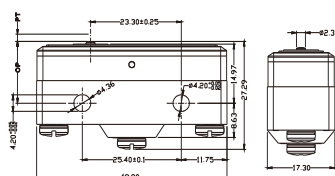


■ 接線端子尺寸/Terminal Type and Dimensions



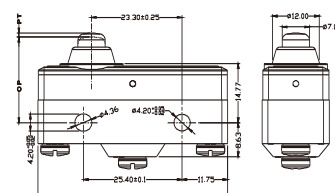
■ 外形尺寸和操作特征Dimensions and Operating Characteristics

◆ G12□□-1R1□□-□



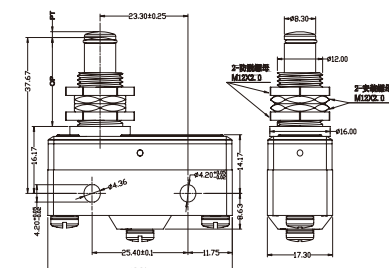
	OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	OP (mm)
G1216	370	115	0.7	0.13	0.05	16.7	15.9 ± 0.4
G1222	620				0.2		
G1226							

◆ G12□□-1RD1□□-□



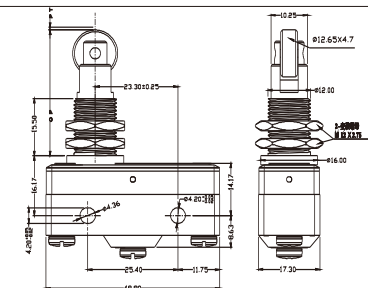
	OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	OP (mm)		
G1216	370	115	0.7	1.5	0.05	22.5	21.5 ± 0.5		
G1222	620								
G1226									

◆ G12□□-1RQ1□□-□



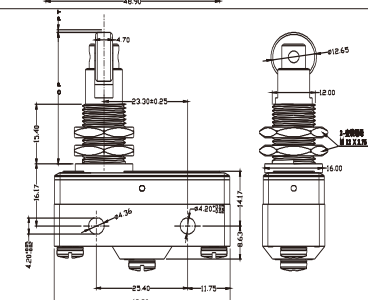
	OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	OP (mm)
G1216	370	115	0.7	5.5	0.05	23	21.8 ± 0.8
G1222	620				0.2		
G1226							

◆ G12□□-1RQ2□□-□



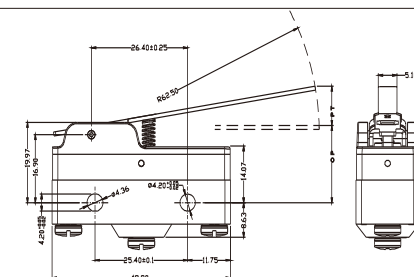
	OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	OP (mm)		
G1216	370	115	0.7	3.58	0.05	35	33.4 ± 1.2		
G1222	620								
G1226									

◆ G12□□-1RQ3□□-□



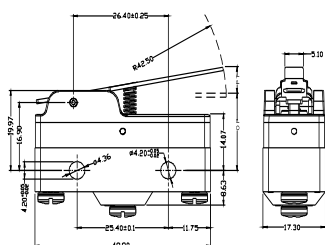
	OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	OP (mm)
G1216	370	115	0.7	3.58	0.05	35	33.4 ± 1.2
G1222	620				0.2		
G1226							

◆ G12□□-1RW1□□-□



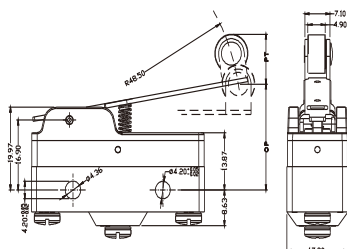
OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	OP (mm)
G1216	70	14	10.0	5.6	2	28.2	19.0 ± 0.8
G1222	120						
G1226							

◆G12□□-1RW2□□-□



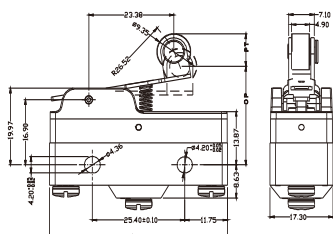
	OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	OP (mm)
G1216	105	20	6.6	3.7	0.85	24.5	19.0 ± 0.5
G1222	180						
G1226							

◆G12□□-1RW3□□-□



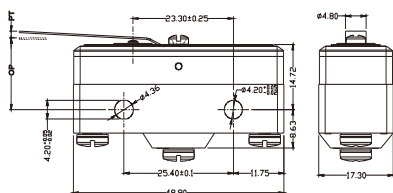
	OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	OP (mm)
G1216	100	20	7.1	4	1.02	36.5	30.2 ± 0.8
G1222	170						
G1226							

◆G12□□-1RW4□□-□



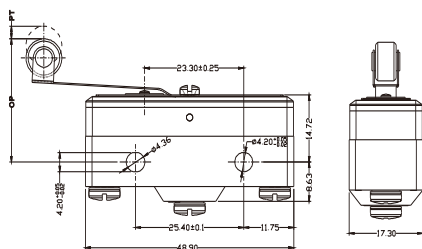
	OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	OP (mm)
G1216	160	40	2.7	2.4	0.8	32.5	30.2 ± 0.5
G1222	270						
G1226							

◆G12□□-1RL1□□-□



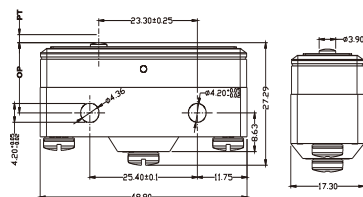
	OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	OP (mm)
G1216	140	14	4.0	1.6	1.3	20.6	17.4 ± 0.8
G1222	230						
G1226							

◆G12□□-1RL2□□-□



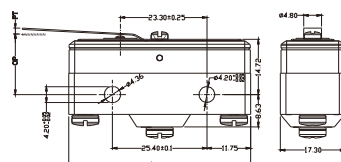
	OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	OP (mm)
G1216	150	14	4.0	1.6	1.3	31.8	28.6 ± 0.8
G1222	250						
G1226							

◆G12□□-2R1□□-□



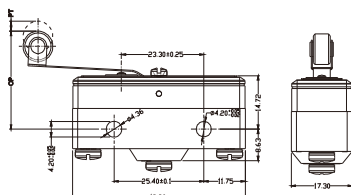
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G1216	430	115	0.7	0.13	0.06	16.5	15.9 ± 0.4

◆G12□□-2RL1□□-□



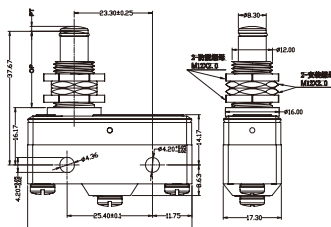
OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	OP (mm)
G1216	140	14	4.0	1.6	1.3	20.6	17.4 ± 0.8

◆G12□□-2RL2□□-□



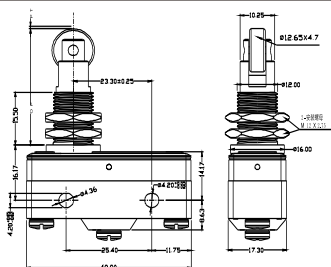
OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	OP (mm)
G1216	140	14	4.0	1.6	1.3	31.8	28.6 ± 0.8

◆G12□□-2RQ1□□-□



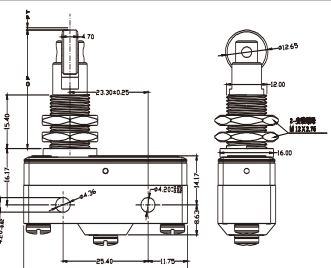
OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	OP (mm)
G1216	370	115	0.7	5.5	0.05	23	21.8 ± 0.8

◆G12□□-2RQ2□□-□



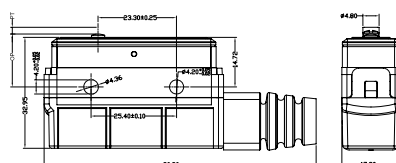
OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	OP (mm)
G1216	370	115	0.7	3.58	0.05	35	33.4 ± 1.2

◆G12□□-2RQ3□□-□



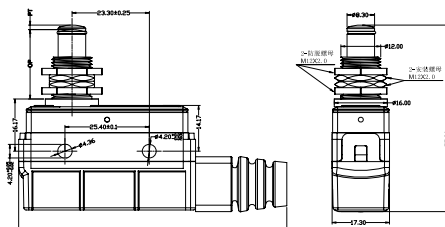
OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	OP (mm)
G1216	370	115	0.7	3.58	0.05	35	33.4 ± 1.2

◆G12□□-3R1□□-□



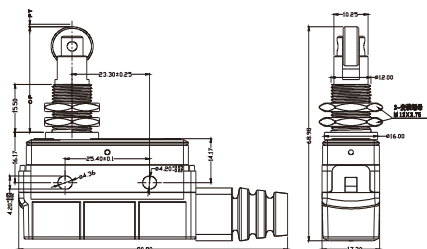
OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	OP (mm)	
G1216	370	115	0.7	0.13	0.05	16.5	15.9 ± 0.4

◆G12□□-3RQ1□□-□



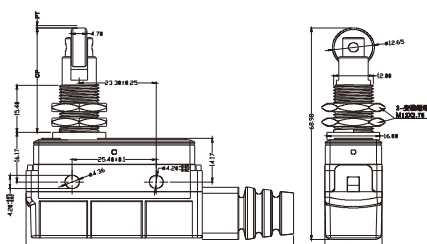
	OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	OP (mm)
G1216	370	115	0.7	5.5	0.05	23	21.8 ± 0.8

◆G12□□-3RQ2□□-□



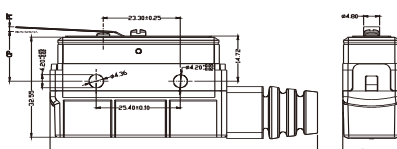
OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	OP (mm)	
G1216	370	115	0.7	3.58	0.05	35	33.4 ± 1.2

◆G12□□-3RQ3□□-□



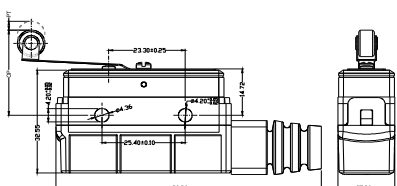
OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	OP (mm)
G1216	370	115	0.7	3.58	0.05	35	33.4 ± 1.2

◆G12□□-3RL1□□-□



OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	OP (mm)
G1216	140	14	4.0	1.6	1.3	20.6	17.4 ± 0.8

◆G12□□-3RL2□□-□



OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	OP (mm)
G1216	150	14	4.0	1.6	1.3	31.8	28.6 ± 0.8