

OPERATION CHARACTERISTICS 特性

TYPE	Z-15G	Z-15GL	Z-15GL2	Z-15GS	Z-15GD	Z-15GQ	Z-15GQ22	Z-15GQ21
OF max.	350g	150g	150g	350 g	350 g	350 g	350 g	350 g
RF min.	114 g	14 g	14 g	114 g	114 g	114 g	114 g	114 g
PT max.	0.4mm	4mm	4mm	0.4mm	0.4mm	0.4mm	0.4mm	0.4mm
OT min.	0.13mm	1.6mm	1.6mm	1.6mm	1.6mm	5.5mm	3.58mm	3.58mm
MD max.	0.05mm	1.3mm	1.3mm	0.05mm	0.05mm	0.05mm	0.05mm	0.05mm
FP max.		20.6mm	31.8mm					
OP	15.9 ± 0.4mm	17.4 ± 0.8mm	28.6 ± 0.8mm	28.2 ± 0.6mm	21.6 ± 0.5mm	21.8 ± 0.8mm	33.4 ± 1.2mm	33.4 ± 1.2mm

TYPE	Z-15GW	Z-15GW2	Z-15GW2277	Z-15GW22
OF max.	100 g	130 g	180 g	200 g
RF min.	14 g	21 g	50 g	42 g
PT max.	10 mm	7.1 mm	2.7 mm	2.7 mm
OT min.	5.6 mm	4 mm	2.4 mm	2.4 mm
MD max.	2 mm	1.6 mm	0.8 mm	0.8 mm
FP max.	28.2 mm	36.5 mm	43.6 mm	32.9 mm
OP	19 ± 0.8mm	30.2 ± 0.8mm	41 ± 0.8mm	30.2 ± 0.4mm

DEFINITIONS OF OPERATING CHARACTERISTICS: 操作特性定義

OF: Operating Force 工作力

RF: Releasing Force 釋放力

TF: Total Force 總力

FP: Free Position 自由位置

OP: Operating Position 工作位置

RP: Releasing Position 釋放位置

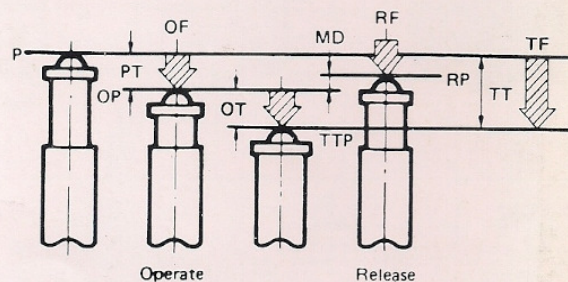
TTP: Total Travel Position 總行程位置

PT: Prdtravel 預行程

OT: Overtravel 過行程

MD: Movement Differential 運動差

TT: Gotal Travel 總行程



MICRO SWITCHES 微動開關

Operating speed	工作速度	0.01mm to 1m/swc
Operating frequency	工作頻率	Mechanically: 240 operations/min. Electrically: 20 operations/min.
Contact resistance	接觸阻抗	Initial 初始
Insulation resistance	絕緣阻抗	at 500VDC
Dielectric strength	耐壓	1,000VAC, 50/60Hz for 1 minute between non-continuous terminal 非串聯端子間 1,000VAC 持續 1 分鐘 2,000VAC, 50/60Hz for 1 minute between current-carrying part and ground 端子間和地間 2,000VAC 持續 1 分鐘
Vibration	振動	Mechanical durability: 機械承受力 10 to 55Hz 1.5mm double amplitude 1.5mm 雙震幅
Ambient operating temperature	環境溫度	General purpose type: 普通 -25° to +80°
Humidity	濕溫度	General purpose type: 普通 85%RH max.
Service life	工作壽命	Mechanically: 機械 20,000,000 operations min Electrically: 電氣 500,000 operations min
Weight	總重	Approx.: 約 22 to 58 g

Rated voltage(V) 電 壓	Noninductive load(A) 電阻負載				Lnductive load(A) 電感負載		Inrush current (A)	
	Resistive load 電 阻		Inductive load 電 感		Motor load			
	NC	NO	NC	NO	NC	NO	NC	NO
125 VAC 250 VAC 500 VAC	15 15 3		15 15 2.5		5 3 1.5	2.5 1.5 0.75	30 max.	15 max.
8 VAC 14 VAC 30 VAC 125 VAC 250 VAC	15 15 6(2) 0.4 0.2		15 10 5 0.05 0.03		5 5 5 0.05 0.03	2.5 2.5 2.5 0.05 0.03		