



深圳市首韩科技有限公司

## ZW12-B 型微动开关系列 Micro switch series

### ◆ 安全可靠的小型開關 Safe, reliable miniature switch

■ 外形美觀，結構緊湊。具有微小觸點間隙，快速動作、高靈敏和微小動作行程的特點。

Nice appearance, tight configuration. Characteristic: small contact clearance, quick action, high sensitivity and small operating travel.

■ 長壽命，高可靠。

Long life, high reliability.

■ 接線端子種類齊全

Variety of contact terminals

■ 動作力範圍寬

A variety of models with low operating force to high operating force are available

■ 多種溫度等級

Variety of temperature degrees

■ 配備各種形式動臂

Variety of levers

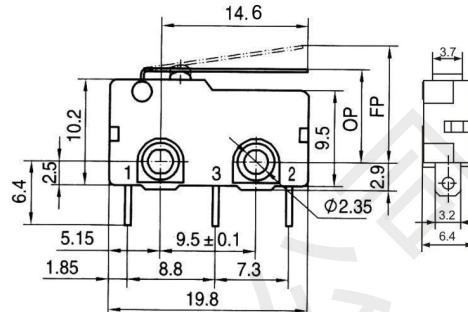
■ 採用熱固性或熱塑性塑料

Adopt thermosetting plastic or thermoplastic

■ 廣泛應用於各種家用電器、電子設備、自動化設備、通訊設備、汽車電子、儀器儀表、電動工具等領域。

Widely used in appliance, electronic equipment, automatic machine, communication equipment, car electric, apparatus and instrument, electric motion tool etc.

### ◆ 技術特性 Specifications



項目 Item	特性值 Value
工作速度 Operating speed	0.1mm ~ 1m/s (與驅動方式有關)(Related with actuator forms)
工作頻率 Operating Frequency	機械 60次/min; 電氣 25次/min Mechanical 60 cycles/min; Electrical 25cycles/min
絕緣電阻 Insulation resistance	$\geq 100M\Omega$ (500VDC)
接觸電阻 Contact resistance	$\leq 30m\Omega$ (初始值)(Initial value)
耐電壓 Test voltage	同極不相接端子間 Between terminals of the same polarity AC1000V, 50/60Hz, 1min  帶電金屬零件與地(外殼)之間、接線端與不帶電金屬件之間 Between current-carrying metal parts and ground (case), and between each terminal and non-current-carrying metal parts. AC1500V, 50/60Hz, 1min
抗振動 Vibration resistance	10 ~ 55Hz, 1.5mm 兩倍振幅 Double amplitude
抗衝擊 Shock resistance	破壞:動作力>0.5N: 1000m/s <sup>2</sup> (約100G)max 動作力≤0.5N: 400m/s <sup>2</sup> (約40G)max 故障:動作力>0.5N: 200m/s <sup>2</sup> (約20G)max 動作力≤0.5N: 100m/s <sup>2</sup> (約10G)max Destruction: OF>0.5N: 1000m/s <sup>2</sup> (approx.100G)max OF≤0.5N: 400m/s <sup>2</sup> (approx.40G)max Malfunction: OF>0.5N: 200m/s <sup>2</sup> (approx.20G)max OF≤0.5N: 100m/s <sup>2</sup> (approx.10G)max
壽命 Life expectancy	機械 $\geq 50000$ 次; 電氣 $\geq 30000$ 次 Mechanical $\geq 50000$ cycles Electrical $\geq 30000$ cycles
質量 Weight	約1.6g(無動臂型)Approx. 1.6g(No lever)



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## 承 认 书

### SPECIFICATION FOR APPROVAL

产品编码  
Material code: \_\_\_\_\_

产品名称 Project: \_\_\_\_\_  
微动开关

规格型号 Part No: \_\_\_\_\_  
ZW12-B

#### 贵公司承认印 Approval signatures

料号/Part No.	签章/Signatures

日期 Date:

拟制/Drawn	李春风	
审核/Check	钟华华	
批准/Approved	罗孝金	