

G5系列 / G5 Series

基本型微动开关 Basic Micro Switch



■特点/Features

- ◆ 结构紧凑, 具有微小触点间隙, 快速动作、高灵敏度和微小动作行程的特点
 - ◆ 长寿命, 高可靠性
 - ◆ 拥有全球安规认证
 - ◆ 接线端子种类齐全
 - ◆ 动作力范围宽7gf~600gf
 - ◆ 多种温度等级-40°C~+150°C, 200°C可选择
 - ◆ PTI等级有175V, 250V, 600V可供选择
 - ◆ 配备各种形式操作柄
 - ◆ 广泛应用于各种家用电器, 电子设备, 自动化设备, 通讯设备, 汽车电子, 仪器仪表, 电动工具等领域
- Tight Configuration, Small Contact Gap, Snap Action, High Sensitivity and Small Operating Travel
 - Long Life, High Reliability
 - Global Safety Approvals
 - Variety of Terminals
 - Wide Range Operating Force(7gf~600gf)
 - Wide Range Temperature Grade(-40°C~+150°C) ,200°C Optional
 - With Optional PTI Grade(175v,250v,600v)
 - Variety of Levers
 - Widely Used in Home Appliances, Electronic Equipments, Automatic Machines, Communication Equipments, Auto Electronics, Apparatus and Instrument, Power Tool etc

■应用/Application

- ◆ 家用电器
 - ◆ 电子设备
 - ◆ 自动化设备
 - ◆ 通讯设备
 - ◆ 汽车电子
 - ◆ 仪器仪表
 - ◆ 电动工具等领域
- Home Appliance
 - Electronic Equipments
 - Automatic Equipments
 - Communication Equipments
 - Auto Electronics
 - Apparatus and Instruments
 - Power Tools

■特性参数/Parameters:

| | | |
|------------------------------|--|-------------------------|
| 工作速度 Operating Speed | 0.1mm-1m/s(与驱动方式有关/ Related with actuator forms) | |
| 工作频率 Operating Frequency | 机械60次/分钟; 电气15次/分钟. Mechanical 60 cycles/min; Electrical 15 cycles/min. | |
| 绝缘电阻 Insulation Resistance | ≥100MΩ (500VDC) | |
| 接触电阻 Contact Resistance | ≤100m Ω (初始值 / Initial value) | |
| 耐电压 Voltage Resistance | 耐电压- 同极不相接端子间 Between each terminals of the same polarity | AC1000V, 50/60HZ, 1min. |
| | 耐电压-带金属零件与外壳之间, 接线端与易触及的不带金属零件之间/Between current-carrying metal part and ground, and between each terminal and non-current-carrying metal parts | AC1500V, 50/60HZ, 1min. |
| 抗振动 Vibration Resistance | 10-55HZ, 1.5mm 两倍振幅 Double amplitude | |
| 抗冲击 Shock Resistance | 破坏Destruction: 动作力/OF>1.0N:1000m/s ² (约/approx. 100G)max. 动作力/OF≤1.0N:400m/s ² (约/approx. 40G)max. 故障Destruction: 动作力/OF>1.0N:200m/s ² (约/approx. 20G)max. 动作力/OF≤1.0N:100m/s ² (约/approx. 10G)max. | |
| 寿命 Service Life | 机械/Mechanical ≥ 10,000,000次/cycles 或/or 1,000,000次/cycles 或/or 50,000次/cycles | |
| | 电气/Electrical ≥ 50,000次/cycles 或/or 100,000次/cycles, 取决于类型 Depends on Part No. | |
| 单重 Unit Net Weight | 约6.2g (无操作柄) Approx. 6.2g(No lever). | |

G5系列微动开关订货型号指引

G5 Series Micro Switch Ordering Instruction

| G5 | T | 16 | C | Z | 200 | A | 01 | B | K | XX |
|-------------------------------------|---|---|--|--|---|---|---|--|-------------------------|--|
| 开关类型 Switch Type | 温度等级 Temperature grade | 额定电流 Electrical Rating | 端子类型 Terminal Type | 接触形式 Circuit Code | 操作力 (最大值) 数据在手册 按背面时漏位 Max Operating Force at pin Plunger | 操作面位置 Lever Position | 操作柄类型 Lever Type | 外壳颜色 Housing Color | 安装孔尺寸 Mounting Holes | 特别设计代码 Special Designator |
| G5 系列微动开关 G5 Series Micro-Switch | S 仅针对5A电流 (For "5" rating Only) | ENEC/CQC: 0.1A 48VDC 0.1A 125/250VAC 5(2.5)A 125/250VAC, 5E4.u UL/CUL: 0.1A 48VDC 0.1A 125/250VAC 5A 1/10HP 125/250VAC 1. 仅适用于 "S" 温度等级/Temperature grade only 仅适用于 "S" 端子类型/ Only apply to G, C1, C2, E, S1, S2, D1, D2, S, S1, S2, F, F1 | C C1 C2 | Z SPDT 单极双投 | 15gf note: 1. 仅适用于 G5S05, G5W11(Rating1) series. | 01C 不带操作柄 柱式拔拳 No lever Pin Plunger | 不带操作柄 柱式拔拳 No lever Pin Plunger | 灰色 Grey | Metric ø3.1mm | 此为特别设计代码, 具体请参考产品规格表确定详细差别 Here means a special designator letter. Refer to products specification for detailed differences. |
| | | ENEC/CQC: 0.10A 250VAC, 5E4, 25T125 UL/CUL 10.1A 1/2HP 250VAC 1. 以上仅适用 "S" 温度等级和触点间距≥0.2mm 的开关闭合/以上仅适用 "S" 温度等级和触点间距≥0.2mm 的开关闭合 /Above only for "S" temperature grade and switch of contact gap≥0.2mm) and only with C2 and D2 terminals: "300"~"500" OF only | D D1 D2 | P SPST-NO 单极单投-常开 | 25gf note: 1. 仅适用于 G5S05, G5W11(Rating1) series. | 02P 远置柱式拔拳 位置 Far From Pin Plunger | 短直柄 Short Straight Lever | B 黑色 Black | K USA ø2.9mm | H Rast-5 250# terminal. N Rast-7 250# terminal. P Straight PCB Terminal A Contact gold plated. |
| G5D 门开关 G5 Door Switch | H 25T150 | UL/CUL: 1A 30VDC 10A 1/2HP 125/250VAC (以上仅 "H" 温度等级适用/Above only for "H" temperature grade) UL/CUL: 11A 1/3HP 125/250VAC 0.5A 125VDC, 0.25A 250VDC 4A 125VAC L ENEC/CQC: 10(3)A 125/250VAC, 0.5A 125VDC, 0.25A 250VDC 25T125 u SE4 (以上仅 "T" 温度等级适用/Above only for "T" temperature grade) 1. 仅适用于 "C, C1, C2, E, E1, E2, D, D1, D2, F, F1 Terminal only. | E E1 E2 | C SPST-NC 单极单投-常闭 | 50gf 0.49N note: 1. 仅适用于 G5W11(Rating 1) 接线盒系列 1. 仅适用于 G5W11(Rating 1) wiring boxes | 05C 接近柱式拔拳 位置 Close to Pin Plunger | 标准直柄 Std. Straight Lever | M 防热丝 750°C GLOW WIRES 750°C | W1 W2 W3 | W1 G5W11 Rating 1 (NOTE:标准线长/Standard wire:UL1015, 24#, .300mm) W2 G5W11 Rating 2 (NOTE:标准线长/Standard wire:UL1015, 20#, .300mm) W3 G5W11 Rating 3 (NOTE:标准线长/Standard wire:UL1015, 18#, .300mm) (Note:仅适用于 G5W11, 其他接线盒长度可选。Only apply to G5W11. Other wire type/length is optional) |
| | | UL/CUL: 1A 30VDC 10A 1/2HP 125/250VAC 10(A) 250V AC 25T125 u SE4 IP64 以上仅适用于 G5F "IP64" 防水等级 Only for G5F "IP64" waterproof grade | L L1 L2 L3 | F SPST-NC 单极单投-常闭 | 100gf 0.98 N note: 1. 16A和22A Minimum OF is 100gf. 16A/22A最小操作力为100gf | 05F 按钮 Push Rod G5D Door switch only | 05G 长直柄 Long Straight Lever | Y 外壳穿孔 合金底座 Alloy base with outer mounting hole Only for G5D Door Switch | | |
| G5 系列微动开关 G5 Series Micro-Switch | B 25T125 按钮型带接触点间距 3mm/Only for "B" rating and contact gap=3mm | 10(A) 250V AC 25T125 u SE4 IP64 以上仅适用于 G5F "IP64" 防水等级 Only for G5F "IP64" waterproof grade | L L1 L2 L3 | F SPST-NC 单极单投-常闭 | 100gf 0.98 N note: 1. 16A和22A Minimum OF is 100gf. 16A/22A最小操作力为100gf | 05F 按钮 Push Rod G5D Door switch only | 05G 长直柄 Long Straight Lever | Y 外壳穿孔 合金底座 Alloy base with outer mounting hole Only for G5D Door Switch | | |
| | | ENEC/CQC: Rating 1: 0.1A 48VDC, 0.1A 125/250VAC, 40T85, 5E4.u Rating 2: 5A 125/250VAC, 30VDC, 40T85, 5E4.u Rating 3: 10(2)A 125/250VAC, 0.5A 125VDC, 0.25A 250VDC, 40T85, 5E4 UL/CUL: Rating 1: 0.1A 48VDC, 0.1A 125/250VAC, 40T85, 5E4.u Rating 2: 5A 125/250VAC, 30VDC, 40T85, 5E4.u Rating 3: 10.1A 1/10HP 125/250VAC, 0.5A 125VDC, 0.25A 250VDC, 785 仅适用于 "W" 温度等级/"W" Temperature grade only. 仅适用于 "D", "E", "W" 端子类型/"D", "E", "W" Terminals only. | R R1 R2 | 200gf 1.96N note: G5S05, G5T10, G5W11 Series /最大操作力为200gf/with maximum OF is 200gf. 26A, 最低操作力为Min OF is 200gf | 05R 螺钉推杆 Screw Push Rod G5D Door switch only | 05Q 模拟滚轮手柄 Simulated Roller Lever | V 双开合金底座 Alloy base with two switches Only for G5D Door Switch | | | |
| | ENEC/CQC: Rating 1: 0.1A 48VDC, 0.1A 125/250VAC, 40T85, 5E4.u Rating 2: 5A 125/250VAC, 30VDC, 40T85, 5E4.u Rating 3: 10.1A 1/10HP 125/250VAC, 0.5A 125VDC, 0.25A 250VDC, 785 仅适用于 "W" 温度等级/"W" Temperature grade only. 仅适用于 "D", "E", "W" 端子类型/"D", "E", "W" Terminals only. | S S1 S2 | 300gf 2.94N note: 不適用於/Not apply to G5S05, G5T10, G5W11 Series | 05S 带滚轮的推杆 Roller Lever | | | | | | |
| | ENEC/CQC: 16(4)A 250VAC u 5E4 UL/CUL: 16A 1/2HP 125/250VAC | T T1 T2 | 400gf 3.92N note: 不適用於/Not apply to G5S05, G5T10, G5W11 Series | 05T 带长滚轮的推杆 Long Roller Lever | | | | | | |
| | ENEC/CQC: Rating 1: 0.1A 48VDC, 0.1A 125/250VAC, 40T85, 5E4.u Rating 2: 5A 125/250VAC, 30VDC, 40T85, 5E4.u Rating 3: 10.1A 1/10HP 125/250VAC, 0.5A 125VDC, 0.25A 250VDC, 785 仅适用于 "W" 温度等级/"W" Temperature grade only. 仅适用于 "D", "E", "W" 端子类型/"D", "E", "W" Terminals only. | W 外接导线 With Lead Wires (For G5W11 Series only) | 500gf 4.90N note: "W" Temperature grade only. | 05W 带塑料滚轮的推杆 Short Plastic Roller Lever | | | | | | |
| | 22 | ENEC: 16(13)A 250VAC u 5E4 UL/CUL: 22A 1HP 125/250VAC | W 特殊端子 Special Terminals | 1800gf 17.64N note: "G5D Door switch" only. | 05Z 带长塑料滚轮的推杆 Long Plastic Roller Lever | | | | | |
| | 26 | ENEC/CQC: 26(10)A 250VAC, 0.02A 250VAC, 25E3u | Note: 其他可用的手柄有Other available lever include: G5H, G5J, G5K, G5L, G5M, G5N, G5O, G5P, G5Q, G5R, G5S, G5U, G5V, G5W, G5X, G5Y, G5Z. | | 05A 特殊手柄 Special Lever | | | | | |

备注: 仅字母时用于基本型外壳
字母+数字时用于平端型外壳
Note: Letters only for Basic Type Housing
Letters and number for Flat Type Housing.

说明Description:
电流与操作力关系, 各电流等级对应最小操作力等级
Relationship between current and OF, the min. OF classify for each rating
0.1A~0.5A: 15gf,
5A:25gf
10A: 25gf
16A:100gf
22A:100gf (不推荐/don't recommend)
22A:200gf (推荐/recommend)
26A:200gf
08(10)A:200gf
G5W11(rating 2): 50gf
G5W11(rating 3): 100gf

G5系列 G5 Series

安装孔位、操作柄类型、接触形式、外形介绍、端子类 Mounting Hole, Lever Type, Circuit, Shape, Terminal Type

内部构造图/Inner Construction

| | | |
|---|--|---|
| | | |
| 普通型 General Type | G5S05/G5T10 | 触点间距>3mm Contact Gap>3mm |
| 1.操作柄/Lever 2.按挚/Plunger 3.胶盖/Cover | 4.支杆/Internal Lever 5.公共端子/Common Terminal 6.触点/Contacts | 7.NC/NO端子/NO/NC Terminals 8.胶座/Case 9.动片/Movable Plate 10.弹片/弹簧(右图) Spring |

外形特征/Housing Outline Characteristics

| | | |
|---|---|---|
| | | |
| 基本形/Basic Type 配端子:C,D,E,L,R... Optional Terminal | 平端形/Flat Type 配端子:C1,D1,E1,L1,R1... Optional Terminal | 完全平端形/Fully Flat Type 配端子:C2,D2,E2,L2,R2... Optional Terminal |

安装孔尺寸/Mounting Hole Dimensions

(单位/Unit:mm)

| 基本形 Basic Type | K形 K Type | 左侧面PCB端子 Left Angled PCB Terminal | 右侧面PCB端子 Right Angled PCB Terminal |
|----------------|-----------|--------------------------------------|---------------------------------------|
| | | | |

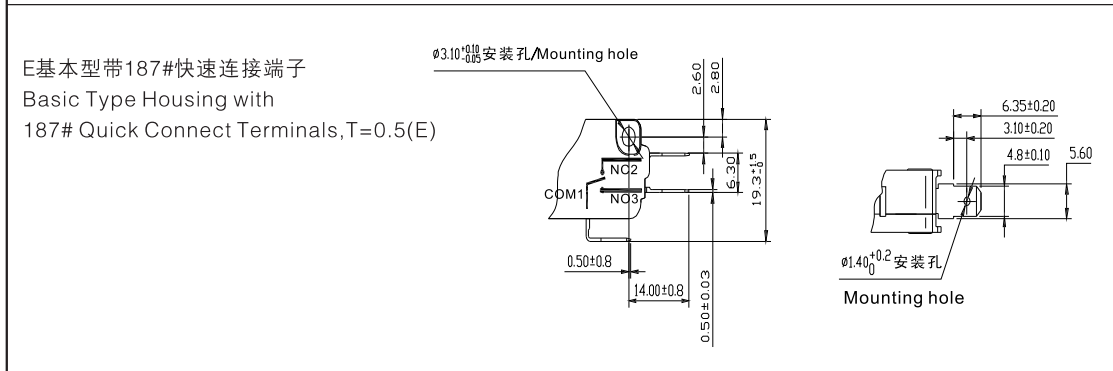
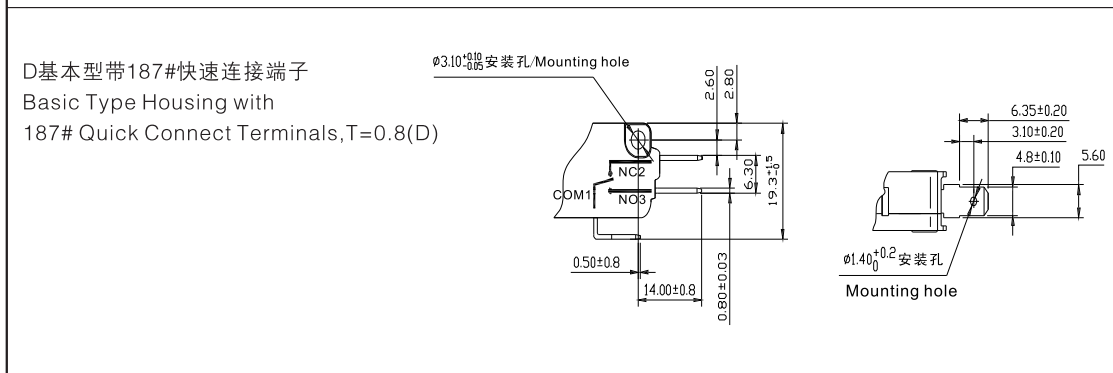
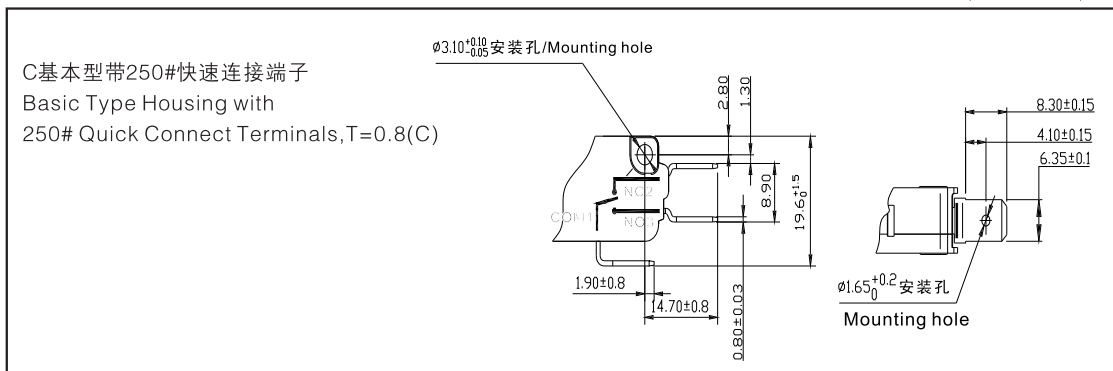
接触形式图/Circuit Configuration

| 公共端类型/Common Terminal Type | "Z"转换式SPDT | "C"常闭式SPST-NC | "P"常开式SPST-NO |
|-------------------------------------|------------|---------------|---------------|
| 公共端在底部 Common Terminal at bottom | | | |

■ 接线端子尺寸/Connect Terminal Dimensions

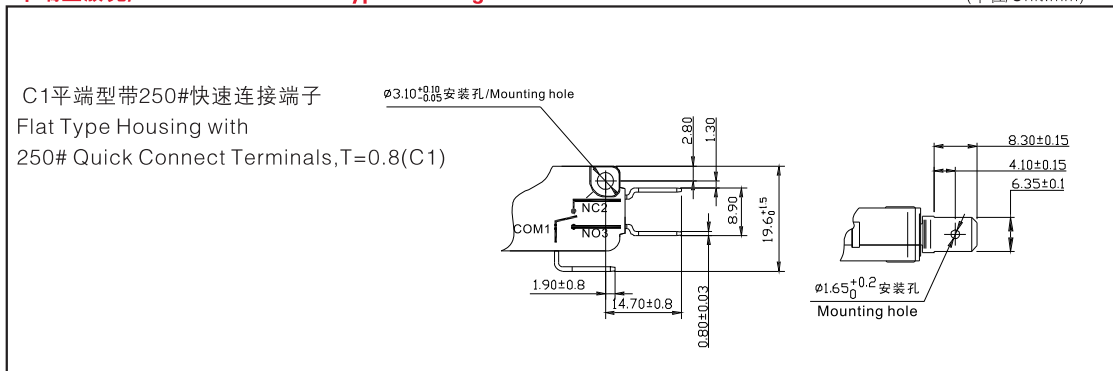
◆ 基本型胶壳/Terminals for Basic Type Housing

(单位/Unit:mm)

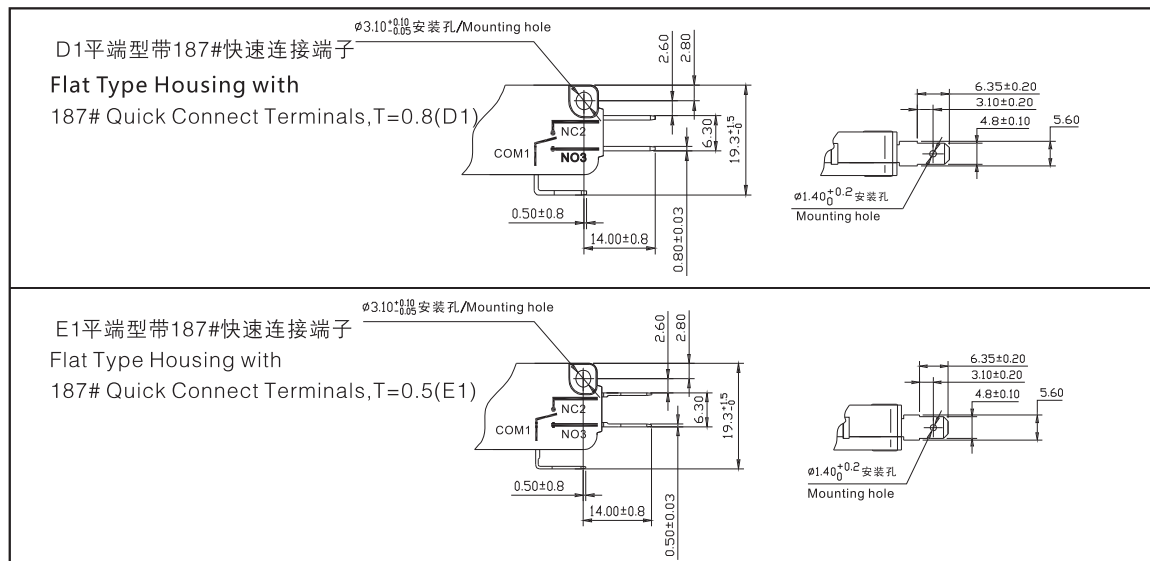


◆ 平端型胶壳/Terminals for Flat Type Housing

(单位/Unit:mm)

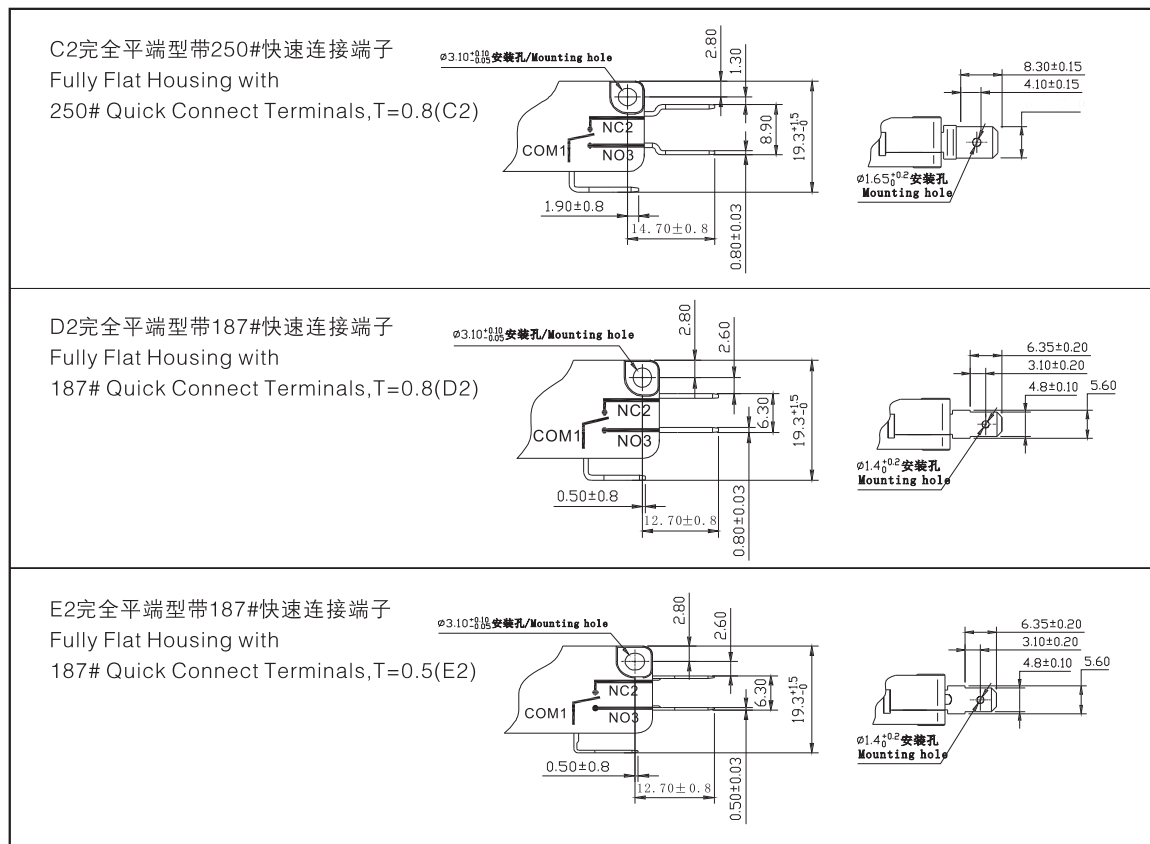


(单位/Unit:mm)



◆ 完全平端型胶壳/Terminals for Fully Flat Type Housing

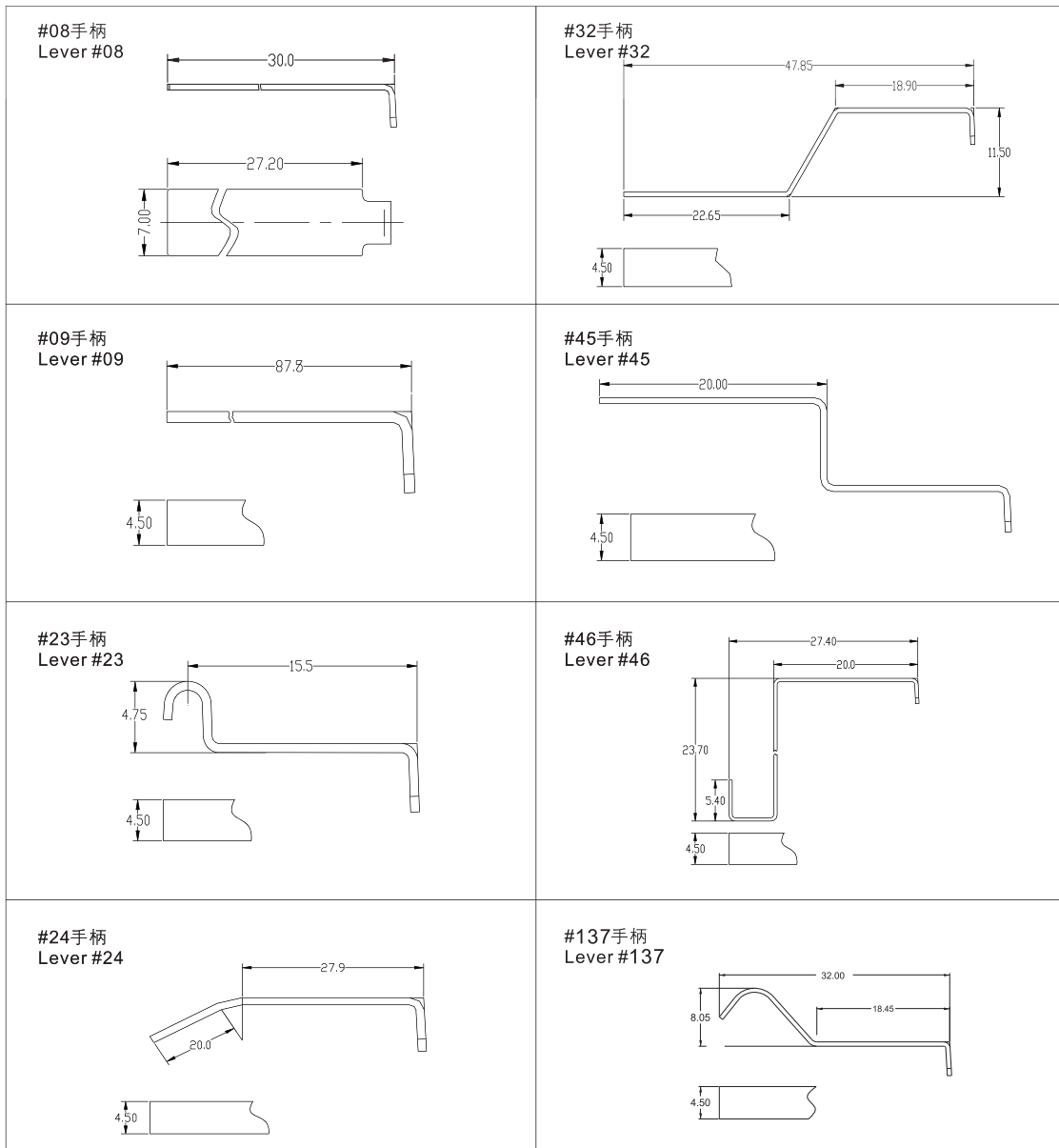
(单位/Unit:mm)



◆ 其他端子类型/Other Terminal Type

| | | |
|---|--|--|
| <p>L 左侧面PCB端子 Left Angled PCB Terminal</p> | <p>R 右侧面PCB端子 Right Angled PCB Terminal</p> | <p>T 螺孔端子 Screw Terminal</p> |
| <p>F 倾斜螺孔端子 Slant Screw Terminal</p> | <p>S 标准焊线端子 Standard Solder Terminal</p> | <p>K 长形孔焊线端子 Rectangle Hole Solder Terminal</p> |
| <p>M 短焊线端子 Short Solder Terminal</p> | <p>H RAST-5</p> | <p>N RAST-7</p> |
| <p>P 直PCB端子 Straight PCB Terminal</p> | <p>P型折弯PCB端子 P Type Bended PCB terminal</p> | <p>IP67防尘防水 (端子除外) IP67 Water Proof and Dust Proof (Exclude Terminals)</p> |

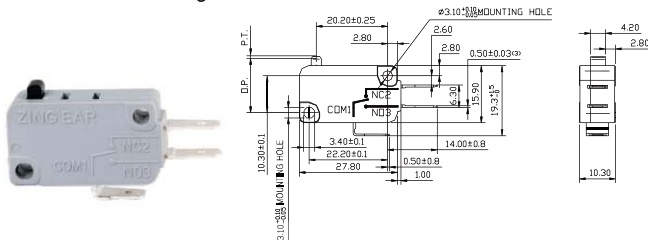
◆ 其他手柄类型/Other Lever Type



◆ 外形尺寸和操作特性 Dimensions and Operating Characteristics

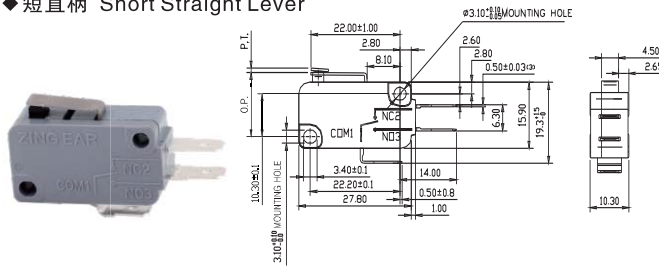
(单位/Unit:mm)

◆ 柱式按捺 Pin Plunger



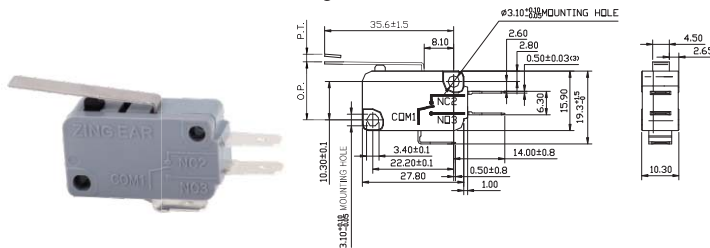
| 型号 Part No. | 操作参数/Parameters | | | | | | | |
|----------------|-----------------|--------------|--------------|--------------|--------------|------|-----|----------|
| | OF | RF | PT | OT | MD | OP | | |
| | Max. (N) | Min. (gf) | Max. (mm) | Min. (mm) | Max. (mm) | (mm) | | |
| G5□□□-E1Z015 | 0.15 | 15 | 0.03 | 3 | 1.6 | 0.8 | 0.4 | 14.7±0.5 |
| G5□□□-E1Z025 | 0.25 | 25 | 0.05 | 5 | 1.6 | 0.8 | 0.4 | 14.7±0.5 |
| G5□□□-E1Z050 | 0.49 | 50 | 0.10 | 10 | 1.6 | 0.8 | 0.4 | 14.7±0.5 |
| G5□□□-E1Z100 | 0.98 | 100 | 0.25 | 25 | 1.6 | 0.8 | 0.4 | 14.7±0.5 |
| G5□□□-E1Z200 | 1.96 | 200 | 0.49 | 50 | 1.6 | 0.8 | 0.4 | 14.7±0.5 |
| G5□□□-E1Z300 | 2.94 | 300 | 0.74 | 75 | 1.6 | 0.8 | 0.4 | 14.7±0.5 |
| G5□□□-E1Z400 | 3.92 | 400 | 0.98 | 100 | 1.6 | 0.8 | 0.4 | 14.7±0.5 |

◆短直柄 Short Straight Lever



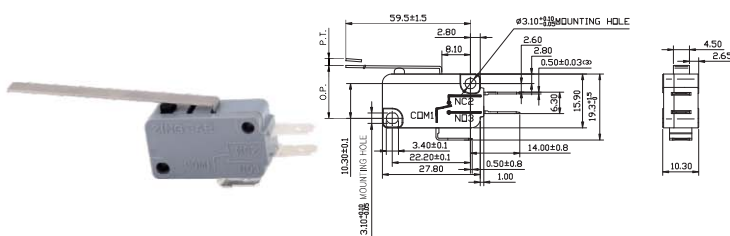
| 型号 Part No. | 操作参数/Parameters | | | | | | | |
|-----------------|-----------------|------|---------|------|---------|---------|---------|----------|
| | OF Max. | | RF Min. | | PT Max. | OT Min. | MD Max. | OP |
| | (N) | (gf) | (N) | (gf) | (mm) | (mm) | (mm) | (mm) |
| G5□□□-E1Z015A01 | 0.15 | 15 | 0.03 | 3 | 1.6 | 0.8 | 0.4 | 15.3±0.5 |
| G5□□□-E1Z025A01 | 0.25 | 25 | 0.05 | 5 | 1.6 | 0.8 | 0.4 | 15.3±0.5 |
| G5□□□-E1Z050A01 | 0.49 | 50 | 0.10 | 10 | 1.6 | 0.8 | 0.4 | 15.3±0.5 |
| G5□□□-E1Z100A01 | 0.98 | 100 | 0.25 | 25 | 1.6 | 0.8 | 0.4 | 15.3±0.5 |
| G5□□□-E1Z200A01 | 1.96 | 200 | 0.49 | 50 | 1.6 | 0.8 | 0.4 | 15.3±0.5 |
| G5□□□-E1Z300A01 | 2.94 | 300 | 0.74 | 75 | 1.6 | 0.8 | 0.4 | 15.3±0.5 |
| G5□□□-E1Z400A01 | 3.92 | 400 | 0.98 | 100 | 1.6 | 0.8 | 0.4 | 15.3±0.5 |

◆标准直柄 Standard Straight Lever



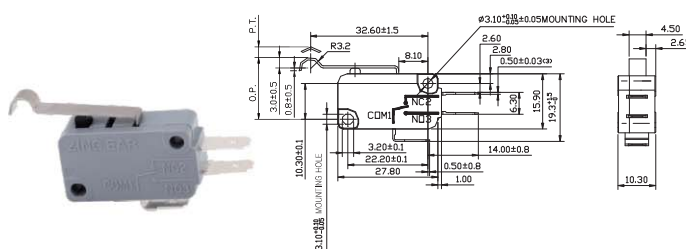
| 型号 Part No. | 操作参数/Parameters | | | | | | | |
|-----------------|-----------------|------|---------|------|---------|---------|---------|----------|
| | OF Max. | | RF Min. | | PT Max. | OT Min. | MD Max. | OP |
| | (N) | (gf) | (N) | (gf) | (mm) | (mm) | (mm) | (mm) |
| G5□□□-E1Z015A02 | 0.10 | 10 | 0.02 | 2 | 3.2 | 1.3 | 1.2 | 15.3±1.5 |
| G5□□□-E1Z025A02 | 0.15 | 15 | 0.02 | 2 | 3.2 | 1.3 | 1.2 | 15.3±1.5 |
| G5□□□-E1Z050A02 | 0.29 | 30 | 0.05 | 5 | 3.2 | 1.3 | 1.2 | 15.3±1.5 |
| G5□□□-E1Z100A02 | 0.59 | 60 | 0.10 | 10 | 3.2 | 1.3 | 1.2 | 15.3±1.5 |
| G5□□□-E1Z200A02 | 1.18 | 120 | 0.20 | 20 | 3.2 | 1.3 | 1.2 | 15.3±1.5 |
| G5□□□-E1Z300A02 | 1.77 | 180 | 0.29 | 30 | 3.2 | 1.3 | 1.2 | 15.3±1.5 |
| G5□□□-E1Z400A02 | 2.35 | 240 | 0.39 | 40 | 3.2 | 1.3 | 1.2 | 15.3±1.5 |

◆长直柄 Long Straight Lever



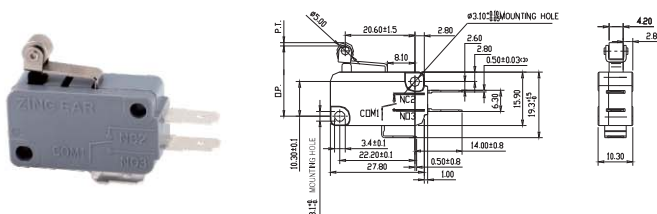
| 型号 Part No. | 操作参数/Parameters | | | | | | | |
|-----------------|-----------------|------|---------|------|---------|---------|---------|--------|
| | OF Max. | | RF Min. | | PT Max. | OT Min. | MD Max. | OP |
| | (N) | (gf) | (N) | (gf) | (mm) | (mm) | (mm) | (mm) |
| G5□□□-E1Z015A03 | 0.07 | 7 | 0.02 | 2 | 6.4 | 2.6 | 2.4 | 15.3±3 |
| G5□□□-E1Z025A03 | 0.10 | 10 | 0.02 | 2 | 6.4 | 2.6 | 2.4 | 15.3±3 |
| G5□□□-E1Z050A03 | 0.15 | 15 | 0.02 | 2 | 6.4 | 2.6 | 2.4 | 15.3±3 |
| G5□□□-E1Z100A03 | 0.29 | 30 | 0.05 | 5 | 6.4 | 2.6 | 2.4 | 15.3±3 |
| G5□□□-E1Z200A03 | 0.59 | 60 | 0.10 | 10 | 6.4 | 2.6 | 2.4 | 15.3±3 |
| G5□□□-E1Z300A03 | 0.88 | 90 | 0.15 | 15 | 6.4 | 2.6 | 2.4 | 15.3±3 |
| G5□□□-E1Z400A03 | 1.18 | 120 | 0.20 | 20 | 6.4 | 2.6 | 2.4 | 15.3±3 |

◆模拟滚轮手柄 Simulated Roller Lever



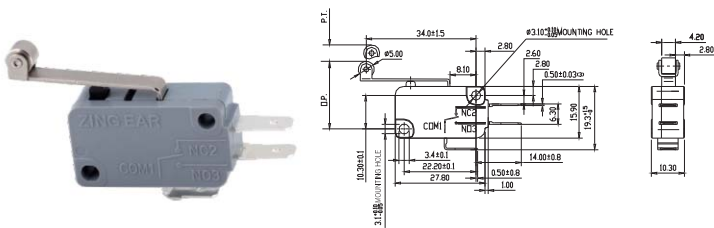
| 型号 Part No. | 操作参数/Parameters | | | | | | | |
|-----------------|-----------------|------|---------|------|---------|---------|---------|----------|
| | OF Max. | | RF Min. | | PT Max. | OT Min. | MD Max. | OP |
| | (N) | (gf) | (N) | (gf) | (mm) | (mm) | (mm) | (mm) |
| G5□□□-E1Z015A04 | 0.10 | 10 | 0.02 | 2 | 3.2 | 1.3 | 1.2 | 18.3±1.5 |
| G5□□□-E1Z025A04 | 0.15 | 15 | 0.02 | 2 | 3.2 | 1.3 | 1.2 | 18.3±1.5 |
| G5□□□-E1Z050A04 | 0.29 | 30 | 0.02 | 2 | 3.2 | 1.3 | 1.2 | 18.3±1.5 |
| G5□□□-E1Z100A04 | 0.59 | 60 | 0.10 | 10 | 3.2 | 1.3 | 1.2 | 18.3±1.5 |
| G5□□□-E1Z200A04 | 1.18 | 120 | 0.20 | 20 | 3.2 | 1.3 | 1.2 | 18.3±1.5 |
| G5□□□-E1Z300A04 | 1.77 | 180 | 0.30 | 30 | 3.2 | 1.3 | 1.2 | 18.3±1.5 |
| G5□□□-E1Z400A04 | 2.35 | 240 | 0.39 | 40 | 3.2 | 1.3 | 1.2 | 18.3±1.5 |

◆短滚轮手柄 Short Roller Lever



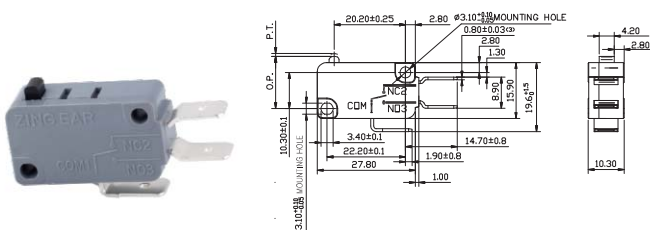
| 型号 Part No. | 操作参数/Parameters | | | | | | | |
|-----------------|-----------------|------|---------|------|---------|---------|---------|----------|
| | OF Max. | | RF Min. | | PT Max. | OT Min. | MD Max. | OP |
| | (N) | (gf) | (N) | (gf) | (mm) | (mm) | (mm) | (mm) |
| G5□□□-E1Z015A05 | 0.15 | 15 | 0.03 | 3 | 1.6 | 0.8 | 0.4 | 20.6±0.8 |
| G5□□□-E1Z025A05 | 0.30 | 30 | 0.05 | 5 | 1.6 | 0.8 | 0.4 | 20.6±0.8 |
| G5□□□-E1Z050A05 | 0.59 | 60 | 0.10 | 10 | 1.6 | 0.8 | 0.4 | 20.6±0.8 |
| G5□□□-E1Z100A05 | 1.18 | 120 | 0.20 | 20 | 1.6 | 0.8 | 0.4 | 20.6±0.8 |
| G5□□□-E1Z200A05 | 2.35 | 240 | 0.39 | 40 | 1.6 | 0.8 | 0.4 | 20.6±0.8 |
| G5□□□-E1Z300A05 | 3.43 | 350 | 0.59 | 60 | 1.6 | 0.8 | 0.4 | 20.6±0.8 |
| G5□□□-E1Z400A05 | 4.60 | 470 | 0.78 | 80 | 1.6 | 0.8 | 0.4 | 20.6±0.8 |

◆长滚轮手柄 Long Roller Lever



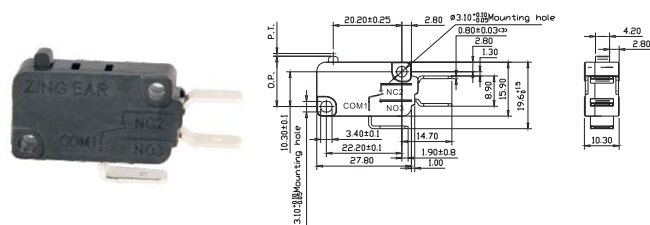
| 型号 Part No. | 操作参数/Parameters | | | | | | | |
|-----------------|-----------------|------|---------|------|---------|---------|---------|----------|
| | OF Max. | | RF Min. | | PT Max. | OT Min. | MD Max. | OP |
| | (N) | (gf) | (N) | (gf) | (mm) | (mm) | (mm) | (mm) |
| G5□□□-E1Z015A06 | 0.10 | 10 | 0.02 | 2 | 3.2 | 1.3 | 1.2 | 20.6±1.6 |
| G5□□□-E1Z025A06 | 0.15 | 15 | 0.02 | 2 | 3.2 | 1.3 | 1.2 | 20.6±1.6 |
| G5□□□-E1Z050A06 | 0.29 | 30 | 0.05 | 5 | 3.2 | 1.3 | 1.2 | 20.6±1.6 |
| G5□□□-E1Z100A06 | 0.59 | 60 | 0.10 | 10 | 3.2 | 1.3 | 1.2 | 20.6±1.6 |
| G5□□□-E1Z200A06 | 1.18 | 120 | 0.20 | 20 | 3.2 | 1.3 | 1.2 | 20.6±1.6 |
| G5□□□-E1Z300A06 | 1.77 | 180 | 0.29 | 30 | 3.2 | 1.3 | 1.2 | 20.6±1.6 |
| G5□□□-E1Z400A06 | 2.35 | 240 | 0.39 | 40 | 3.2 | 1.3 | 1.2 | 20.6±1.6 |

◆柱式按挚250#端子 Pin Plunger, 250# Terminals



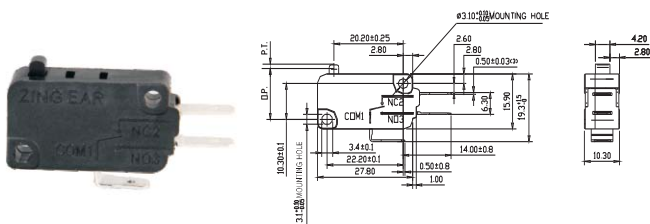
| 型号 Part No. | 操作参数/Parameters | | | | | | | |
|----------------|-----------------|------|---------|------|---------|---------|---------|----------|
| | OF Max. | | RF Min. | | PT Max. | OT Min. | MD Max. | OP |
| | (N) | (gf) | (N) | (gf) | (mm) | (mm) | (mm) | (mm) |
| G5□□□-C1Z015 | 0.15 | 15 | 0.03 | 3 | 1.6 | 0.8 | 0.4 | 14.7±0.5 |
| G5□□□-C1Z025 | 0.25 | 25 | 0.05 | 5 | 1.6 | 0.8 | 0.4 | 14.7±0.5 |
| G5□□□-C1Z050 | 0.49 | 50 | 0.10 | 10 | 1.6 | 0.8 | 0.4 | 14.7±0.5 |
| G5□□□-C1Z100 | 0.98 | 100 | 0.25 | 25 | 1.6 | 0.8 | 0.4 | 14.7±0.5 |
| G5□□□-C1Z200 | 1.96 | 200 | 0.49 | 50 | 1.6 | 0.8 | 0.4 | 14.7±0.5 |
| G5□□□-C1Z300 | 2.94 | 300 | 0.74 | 75 | 1.6 | 0.8 | 0.4 | 14.7±0.5 |
| G5□□□-C1Z400 | 3.92 | 400 | 0.98 | 100 | 1.6 | 0.8 | 0.4 | 14.7±0.5 |

◆柱式按挚带头壳体250#端子 Pin Plunger Basic Type Housing, 250# Terminals



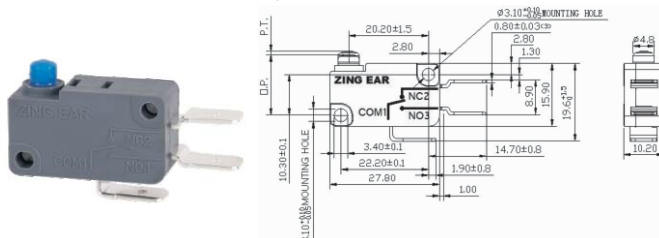
| 型号 Part No. | 操作参数/Parameters | | | | | | | |
|----------------|-----------------|------|---------|------|---------|---------|---------|----------|
| | OF Max. | | RF Min. | | PT Max. | OT Min. | MD Max. | OP |
| | (N) | (gf) | (N) | (gf) | (mm) | (mm) | (mm) | (mm) |
| G5□□□-CZ015 | 0.15 | 15 | 0.03 | 3 | 1.6 | 0.8 | 0.4 | 14.7±0.5 |
| G5□□□-CZ025 | 0.25 | 25 | 0.05 | 5 | 1.6 | 0.8 | 0.4 | 14.7±0.5 |
| G5□□□-CZ050 | 0.49 | 50 | 0.10 | 10 | 1.6 | 0.8 | 0.4 | 14.7±0.5 |
| G5□□□-CZ100 | 0.98 | 100 | 0.25 | 25 | 1.6 | 0.8 | 0.4 | 14.7±0.5 |
| G5□□□-CZ200 | 1.96 | 200 | 0.49 | 50 | 1.6 | 0.8 | 0.4 | 14.7±0.5 |
| G5□□□-CZ300 | 2.94 | 300 | 0.74 | 75 | 1.6 | 0.8 | 0.4 | 14.7±0.5 |
| G5□□□-CZ400 | 3.92 | 400 | 0.98 | 100 | 1.6 | 0.8 | 0.4 | 14.7±0.5 |

◆柱式按挚带头壳体187#端子 Pin Plunger Basic Type Housing, 187# Terminals



| 型号 Part No. | 操作参数/Parameters | | | | | | | |
|----------------|-----------------|------|---------|------|---------|---------|---------|----------|
| | OF Max. | | RF Min. | | PT Max. | OT Min. | MD Max. | OP |
| | (N) | (gf) | (N) | (gf) | (mm) | (mm) | (mm) | (mm) |
| G5□□□-EZ015 | 0.15 | 15 | 0.03 | 3 | 1.6 | 0.8 | 0.4 | 14.7±0.5 |
| G5□□□-EZ025 | 0.25 | 25 | 0.05 | 5 | 1.6 | 0.8 | 0.4 | 14.7±0.5 |
| G5□□□-EZ050 | 0.49 | 50 | 0.10 | 10 | 1.6 | 0.8 | 0.4 | 14.7±0.5 |
| G5□□□-EZ100 | 0.98 | 100 | 0.25 | 25 | 1.6 | 0.8 | 0.4 | 14.7±0.5 |
| G5□□□-EZ200 | 1.96 | 200 | 0.49 | 50 | 1.6 | 0.8 | 0.4 | 14.7±0.5 |
| G5□□□-EZ300 | 2.94 | 300 | 0.74 | 75 | 1.6 | 0.8 | 0.4 | 14.7±0.5 |
| G5□□□-EZ400 | 3.92 | 400 | 0.98 | 100 | 1.6 | 0.8 | 0.4 | 14.7±0.5 |

◆IP64防水开关 IP64 Waterproof switch



| 型号 Part No. | 操作参数/Parameters | | | | | | | |
|----------------|-----------------|------|---------|------|---------|---------|---------|----------|
| | OF Max. | | RF Min. | | PT Max. | OT Min. | MD Max. | OP |
| | (N) | (gf) | (N) | (gf) | (mm) | (mm) | (mm) | (mm) |
| G5F□□-C1Z300 | 2.94 | 300 | 0.74 | 75 | 1.6 | 0.8 | 0.4 | 14.7±0.5 |