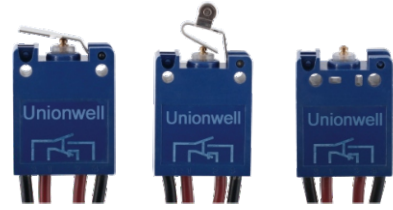


## G11 Series

### Waterproof and Dustproof DPDT Limit Micro Switch



#### ■ Features

- ◆ Small Size and compact structure
- ◆ Long life and high reliability
- ◆ Dust and water proof design(IP67)
- ◆ DPDT double-break switching mechanism
- ◆ Variety of mounting method and operation type
- ◆ Widely used in industry control,and more.

#### ■ Application

- ◆ Electrical Actuators
- ◆ Valve Control
- ◆ Power Station Control
- ◆ Industrial Auto Control
- ◆ Nuclear Power Facilities
- ◆ Automobile Production Line

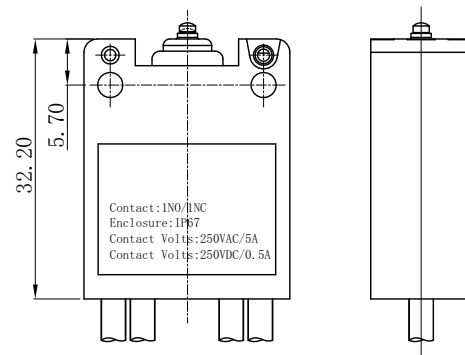
#### ■ Parameters:

|                                    |            |   |
|------------------------------------|------------|---|
| Rating                             | 05         | 0.5A 250VDC   |
|                                    |            | 0.5A/5A 250VAC  |
| Operating Frequency                | Electrical | 10~30 cycles/min  |
|                                    | Mechanical | 10~30 cycles/min  |
| Contact Resistance (Initial Value) |            | 30~100mΩ Max (Depends on P/N, wire resistance excluded) |
| Insulation Resistance (at 500 VDC) |            | 100MΩ Min   |
| Dielectric Strength                |            | AC750V RMS (50-60Hz)                                    |
| Operating Temperature              |            | -25°C~+85°C   |
| Operating Humidity                 |            | 85% RH Max  |
| Service Life                       | Electrical | 50,000 cycles (Depends on P/N)                          |
|                                    | Mechanical | 2,000,000 cycles  |
| Unit Net Weight                    |            | Approx. 110g (8 Wires)                                  |

#### ■ With Wire Type

- ◆ Wire length could be customized

Wire leads to bottom



### G11 Series Micro Switch Ordering Instruction

|             |                   |                                    |            |           |                          |           |   |
|-------------|-------------------|------------------------------------|------------|-----------|--------------------------|-----------|---|
| G11         | 05                | 350                                | 00         | D         | 01                       | E1        | U   |
| Switch Type | Electrical Rating | Max Operating Force at Pin Plunger | Lever Type | Circuitry | Mounting Hole Dimensions | Wire Type | LOGO  |
|             |                   |                                    |            |           |                          |           | G11 Series Micro Switch   |
|             |                   |                                    |            |           |                          |           | Custom Code   |
|             |                   |                                    |            |           |                          |           | General   |
|             |                   |                                    |            |           |                          |           | Customized according to requirements, the code format is T+serial number XXX, for example: T001<br>Other<br>... |
|             |                   |                                    |            |           |                          |           | Others (wire material could be customized)<br>...   |
|             |                   |                                    |            |           |                          |           | Other<br>...  |
|             |                   |                                    |            |           |                          |           | Roller lever<br>Other<br>...  |

# Unionwell

## ■ Mounting Hole Dimensions

Unit: mm

| 01#Mounting Hole<br>5.7mm*φ3.1mm*19mm | 02#Mounting Hole<br>6.7mm*φ3.1mm*14mm | 03#Mounting Hole<br>5.7mm*φ3.5mm*16mm_φ3.0mm*7mm |
|---------------------------------------|---------------------------------------|--|
|                                       |                                       |  |

## ■ Lever Type

| 00# Without lever   | 01#: Straight lever (10mm width*24mm length)  |
|---|---|
|   |   |
| <p>Contact: 1NO/1NC<br/>Enclosure: IP67<br/>Contact Volt: 250VAC/5A<br/>Contact Volt: 250VDC/0.5A</p> | <p>Contact: 1NO/1NC<br/>Enclosure: IP67<br/>Contact Volt: 250VAC/5A<br/>Contact Volt: 250VDC/0.5A</p> |
| 02#: Straight lever (7mm width*32mm length)   | 03#: Roller lever   |
|   |   |
| <p>Contact: 1NO/1NC<br/>Enclosure: IP67<br/>Contact Volt: 250VAC/5A<br/>Contact Volt: 250VDC/0.5A</p> | <p>Contact: 1NO/1NC<br/>Enclosure: IP67<br/>Contact Volt: 250VAC/5A<br/>Contact Volt: 250VDC/0.5A</p> |

## ■ Circuit Configuration

| DPDT 1NO+1NC | DPDT 2NO+2NC |
|--------------|--------------|
|              |              |

# Unionwell

## ■ Dimensions and Operating Characteristics

### ◆G1105-35000D01□U

| OF Max. (gf) | RF Min. (gf) | PT Max. (mm) | OT Min. (mm) | MD Max. (mm) | FP Max. (mm) | OP (mm) |
|--------------|--------------|--------------|--------------|--------------|--------------|---------|
| 350          | 40           | 1.30         | 0.25         | 0.45         | 8.6          | 7.0±0.3 |

### ◆G1105-35001D01□U

| OF Max. (gf) | RF Min. (gf) | PT Max. (mm) | OT Min. (mm) | MD Max. (mm) | FP Max. (mm) | OP (mm) |
|--------------|--------------|--------------|--------------|--------------|--------------|---------|
| 200          | 10           | 3.00         | 0.3          | 1.30         | 12.8         | 8.9±0.9 |

### ◆G1105-35003D01□U

| OF Max. (gf) | RF Min. (gf) | PT Max. (mm) | OT Min. (mm) | MD Max. (mm) | FP Max. (mm) | OP (mm)  |
|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| 450          | 40           | 3.00         | 0.3          | 1.30         | 23.0         | 19.0±1.0 |

### ◆G1105-35000D02□U

| OF Max. (gf) | RF Min. (gf) | PT Max. (mm) | OT Min. (mm) | MD Max. (mm) | FP Max. (mm) | OP (mm) |
|--------------|--------------|--------------|--------------|--------------|--------------|---------|
| 350          | 40           | 1.30         | 0.25         | 0.45         | 9.60         | 8.0±0.3 |

### ◆G1105-35000D03□U

| OF Max. (gf) | RF Min. (gf) | PT Max. (mm) | OT Min. (mm) | MD Max. (mm) | FP Max. (mm) | OP (mm) |
|--------------|--------------|--------------|--------------|--------------|--------------|---------|
| 350          | 40           | 1.30         | 0.25         | 0.45         | 8.60         | 7.0±0.3 |

### ◆G1105-45000D01□U

| OF Max. (gf) | RF Min. (gf) | PT Max. (mm) | OT Min. (mm) | MD Max. (mm) | FP Max. (mm) | OP (mm) |
|--------------|--------------|--------------|--------------|--------------|--------------|---------|
| 450          | 50           | 1.30         | 0.25         | 0.45         | 8.60         | 7.0±0.3 |