



G5L Series

Basic Micro Switch

■ Features

- ◆ Compact structure, with 2.5mm contact gap, snap action and high sensitivity
- ◆ Long life, high reliability
- ◆ Global safety approvals
- ◆ Variety of terminals
- ◆ Variety of levers
- ◆ Widely used in appliance, electronic equipment, automatic machine, communication equipment, car electric, apparatus and instrument, power tool etc.

■ Application

- ◆ Appliance
- ◆ Electric equipment
- ◆ Automatic equipment
- ◆ Communication equipment
- ◆ Car electric
- ◆ Apparatus and instrument
- ◆ Power tool

■ Parameters:

Operating Speed	0.1mm-1m/s (Related with actuator forms)	
Operating Frequency	Mechanical 60 cycles/min; Electrical 7.5 cycles/min.	
Insulation Resistance	≥100MΩ (500VDC)	
Contact Resistance	≤100mΩ (Initial value)	
Test Voltage	Between each terminals of the same polarity	AC1000V, 50/60Hz, 1min.
	Between current-carrying metal part and ground and between each terminal and non-current-carrying metal parts	AC1500V, 50/60Hz, 1min.
Life Expectancy	Mechanical	≥1,000,000 cycles
	Electrical	≥50,000 cycles

■ Mounting Hole Dimensions

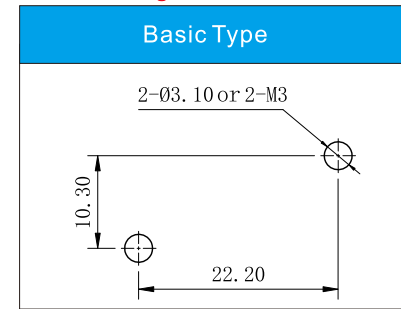
Unit:mm

Terminal Type	SPDT	SPST-NC	SPST-NO
Common Terminal at Bottom			

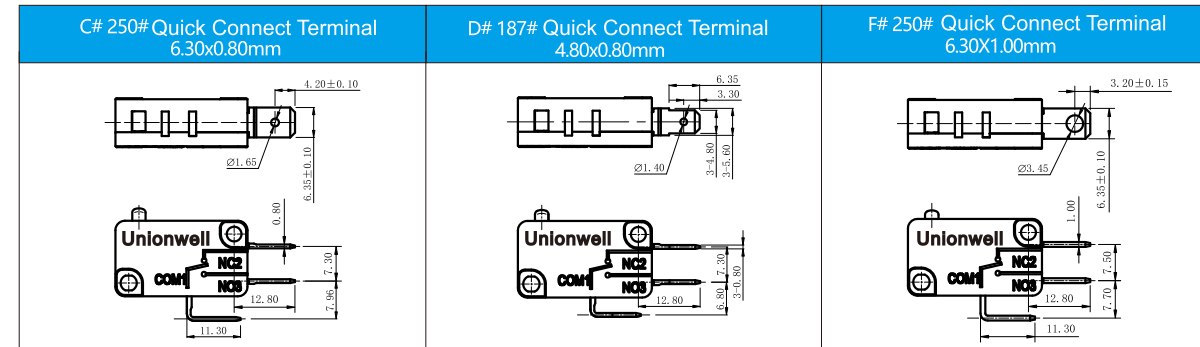
G5L Series Micro Switch Ordering Instruction

G5L	30	C	A	200	A	01	T001	U
Switch Type	Electrical Rating	Terminal Type	Circuit Code	Max Operating Force at Pin Plunger	Lever Position	Lever Type	Custom Code	LOGO
G5 Series Micro-Switch	30	C	A	700 700gf Max	No Lever Pin Plunger	00	General	U
	25	D	B	...	Far From Pin Plunger	01	Customized according to requirements the code format is T+XXX for example: T001	Other
		F	C		Near Pin Plunger	02		
						05		
						120		
						...		

■ Mounting Hole Dimensions

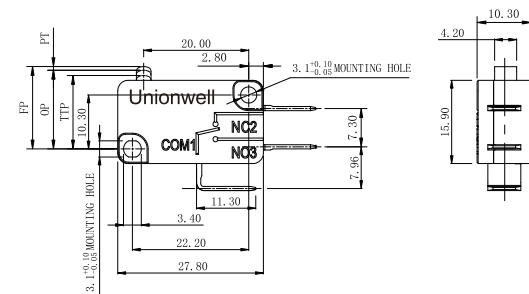


■ Terminal Type



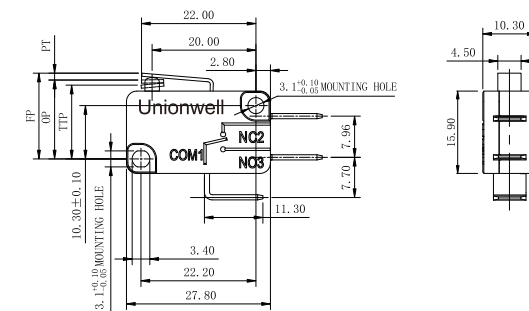
■ Dimensions and Operating Characteristics

G5L□□-□□□A00U



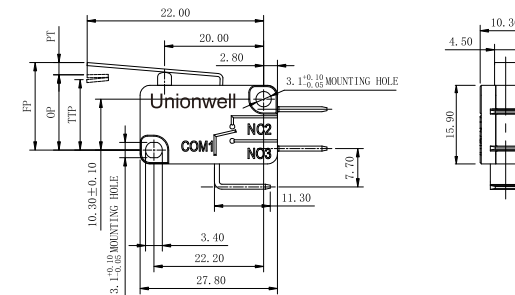
OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	OP (mm)	
-800	800	300	1.6	0.8	1	15.3	15.5 ± 0.5

G5L□□-□□□A01U



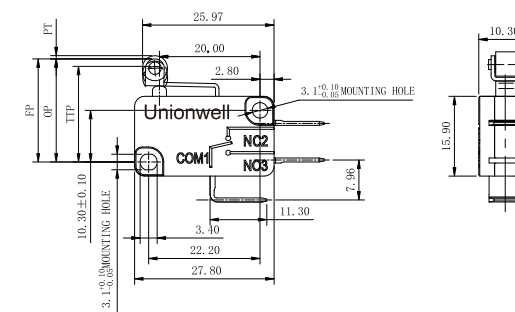
OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	OP (mm)	
-800	800	300	1.6	0.8	1	16	15.3 ± 0.5

G5L□□-□□□A02U



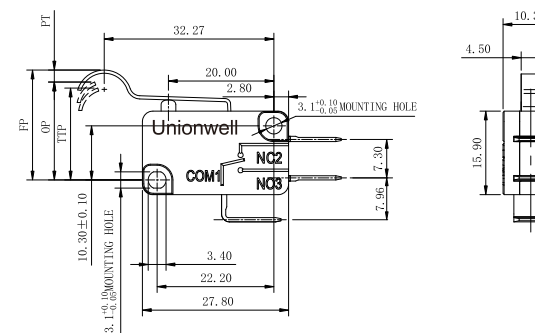
OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	OP (mm)	
-800	600	90	3.2	1.3	2	17.8	15.3±1.50

G5L□□-□□□A05U



OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	OP (mm)	
-800	800	150	3.2	1.3	2	25	20.6±0.80

G5L□□-□□□A120U



OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	OP (mm)	
-800	600	90	3.2	1.3	2	15.3	19.1±1.50