G305 Series

Subminiature Sealed Micro Switch

Features

- Designed for water and dust tight (IP67)
- Small Compact Size
- Long Life and High reliability
- Widely used in automotive electronics, appliance and industrial control

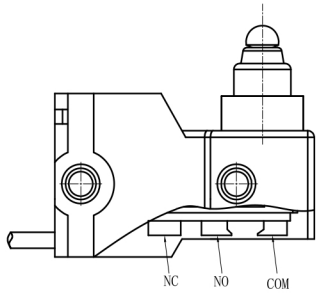
Application

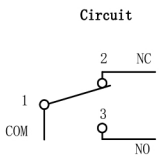
◆Car
◆Air-Conditioner
◆Communication
◆Electric tooth brush
◆Toys
◆Bicycle

Parameters:

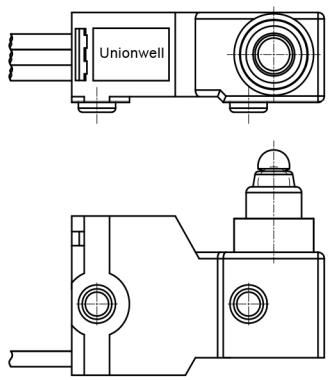
Rating		2A 24VDC 4A 12VDC μ40T85 10E4
Operating Frequency	Electrical	0.1A-120cycles/minute ; 4A-10~30cycles/minute
	Mechanical	120cycles/minute
Contact Resistance(Initiative)		100mΩ Max
Intial Value Resistance(at 500VDC)		100MΩ Min
Vibration durability		10~55Hz, move 0.75mm(p-p)
Dielectric Strength		500VAC (50~60Hz)
Storage Temperature		-40℃~+85℃
Storage Humidity		85% RH Max
Service Life	Electrical	10,000 cycles
	Mechanical	Min. 500,000 cycles

Circuit

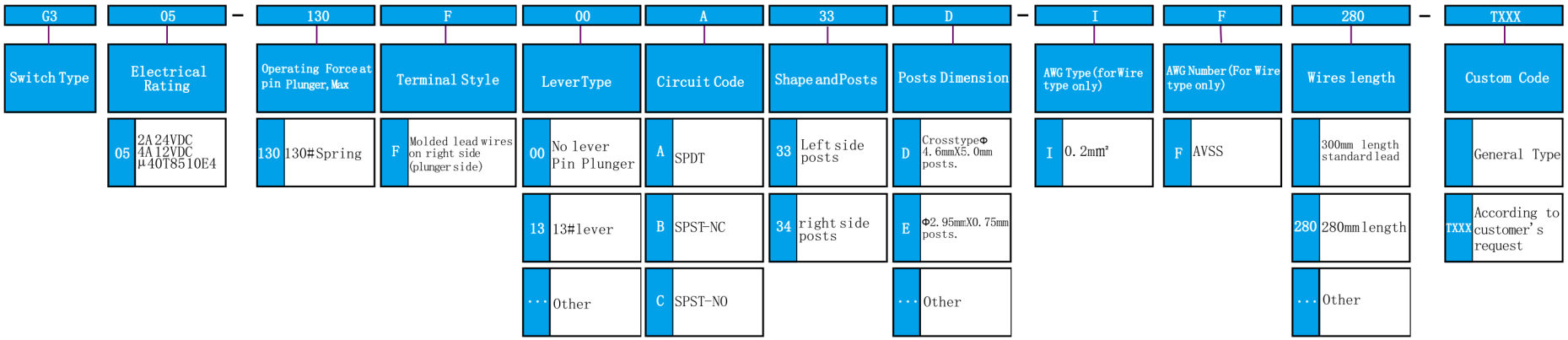




Switch Wire Type

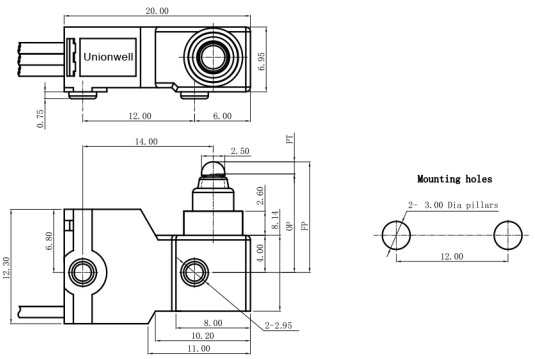


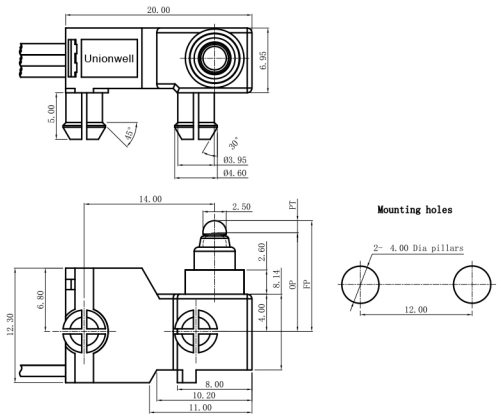
G305 Series Micro Switch Ordering Instruction



■Dimensions and Operating Characteristics of Basic Shape

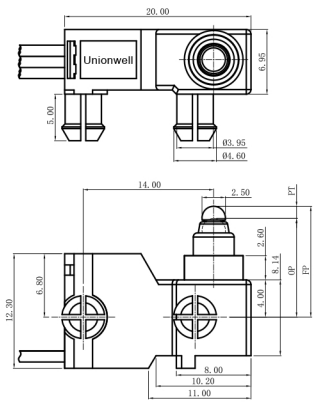
E: Φ2.95mmX0.75mm Mounting pin size	D: Φ4.6mmX5.0mm Criss-cross Mounting pin size





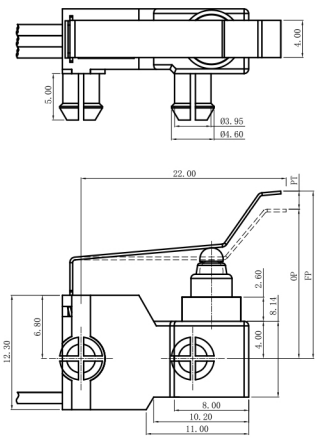
■Switch Lever and Operating Characteristics

◆G305-130F00A34D-IF-U



OF Max (gf)		RF Min (gf)	PT Max (mm)	OT Min (mm)	DT Max (mm)	FP Max (mm)	OP (mm)
-130	200	25	1.5	0.7	0.6	12.1	10.60±0.4

◆G305-130F13A34D-IF-U



OF Max (gf)		RF Min (gf)	PT Max (mm)	OT Min (mm)	DT Max (mm)	FP Max (mm)	OP (mm)
-130	250	25	3.3	1.2	1.1	21	16.0±0.8