

SWITCH/ MICRO SWITCH

G9 Series
IP67, 0.1A or 5A 125/250VAC

Sealed Subminiature Micro Switch

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ZOOM IN

Feature

- Safety approved internationally by cURus in North America, Nemko ENEC in Europe, CQC in Asia
- Wire type is with IP67 protection level (Nemko ENEC17, CQC), terminal type is without waterproof.
- SPST-NC, SPST-NO or SPDT
- Wide range of wiring terminals and levers
- With or without posts, left side or right side posts
- Applications in automotive electronics, appliance and Industrial control

Specification

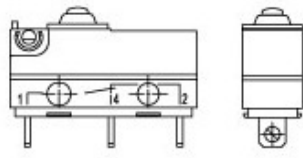
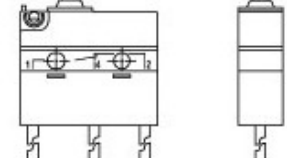
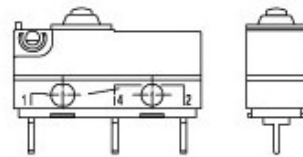
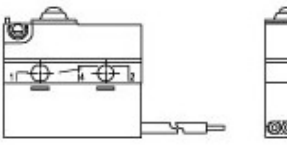
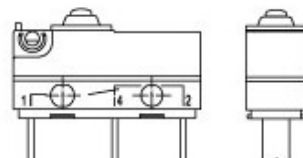
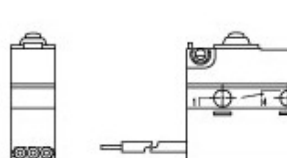
- G905: 5A 125/250VAC (cURus), 6A 125/250VAC μ 25T120 1E 4 (Nemko ENEC17, CQC)
- G9P1: 0.1A 125/250VAC 48VDC (cURus), 0.1A 125/250VAC 48VDC μ 25T120 5E 4 (Nemko ENEC17, CQC)
- Initial contact resistance : 100m ohms MAX.
- Insulation resistance : 100M ohm MIN. at 500VDC
- Dielectric strength : 1000VAC (50~60Hz)
- Electrical life : 6,000 cycles min.

Howto Order

G9	05	—	150	S	00	D
<p>SERIES SYMBOL</p> <p>G9 SERIES</p>	<p>RATING</p> <p>P1 0.1A 125/250VAC 48VDC</p> <p>05 6A 125/250VAC 5A 125/250VAC</p>	<p>OPERATING FORCE</p> <p>150 150gf Max.</p> <p>200 200gf Max.</p> <p>300 300gf Max.</p>	<p>TERMINAL TYPE</p> <p>See Chart (1)</p>	<p>LEVER TYPE</p> <p>00 None</p> <p>01 Short straight lever 17.7mm</p> <p>02 Std. straight lever 19.7mm</p> <p>03 Long straight lever 25.8mm</p> <p>05 Simulated roller lever 18.9mm</p> <p>06 Roller lever 15.7mm</p>	<p>CONSTRUCTION</p> <p>D Dust Proof no wire type</p> <p>W Water Proof IP67, w/wire</p>	

1	<input type="checkbox"/>	—	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>CIRCUIT</p> <p>1 SPDT</p> <p>2 SPST - NC</p> <p>3 SPST - NO</p>	<p>SPECIAL</p> <p><input type="checkbox"/> Standard General 25T120</p> <p>A Gold plated contacts (G9P1)</p> <p>D DC rating special use</p> <p>... Others</p>	<p>AWG NO.</p> <p><input type="checkbox"/> #20</p> <p>F #22</p> <p>G #24</p> <p>H #26</p> <p>M #28</p> <p>J #30</p> <p>K #32</p> <p>L #34</p>	<p>CABLE SPEC</p> <p><input type="checkbox"/> UL1007</p> <p>B UL1569</p> <p>C UL1430</p> <p>D UL1061</p> <p>E UL1330</p> <p>F AV</p> <p>G UL3266</p> <p>H UL1332</p> <p>K UL1015</p>	<p>CABLE LENGTH</p> <p><input type="checkbox"/> 500mm (Standard)</p> <p>... Others</p>	

CHART (1) : Terminal Type

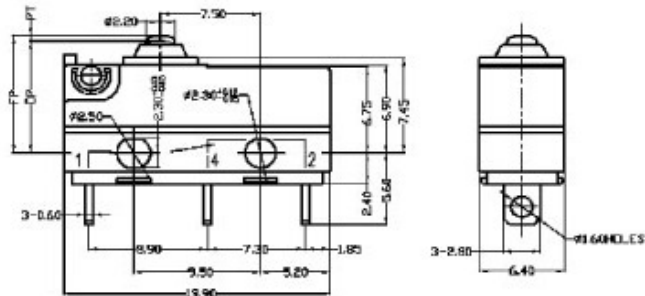
<p>S: solder terminals, 2.8mm*0.6mm</p> 	<p>E: lead wires downwards 500mm length, dia. 1.8mm</p> 
<p>P: Straight PCB terminals, 3-0.6mm</p> 	<p>F: Lead wires on right side (opposite pin plunger) 500mm length, dia.1.8</p> 
<p>D: 110 QC terminals, 2.8mm*0.6mm</p> 	<p>G: Lead wires on left side (pin plunger side) 500mm length, dia.1.8</p> 

Item

◆G9□□-□□□S00D1



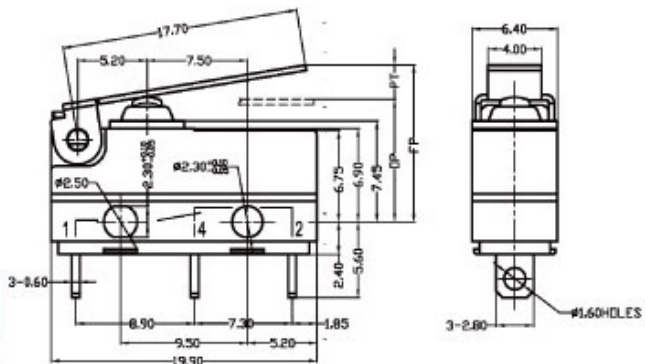
	OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-250	150	30	1.2	0.6	0.2	9.4	8.4±0.3
-200	200	50	1.2	0.6	0.2	9.4	8.4±0.3



◆G9□□-□□□S01D1



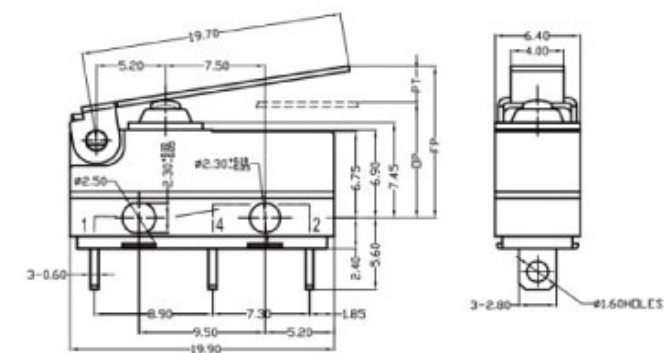
	OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-150	50	8.0	4.3	0.6	0.7	12.0	8.8±1.2
-200	80	15	4.3	0.6	0.7	12.0	8.8±1.2



◆G9□□-□□□S02D1



	OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-150	50	6	4.8	0.6	0.2	12.5	8.8±1.3
-200	75	13	4.8	0.6	0.2	12.5	8.8±1.3

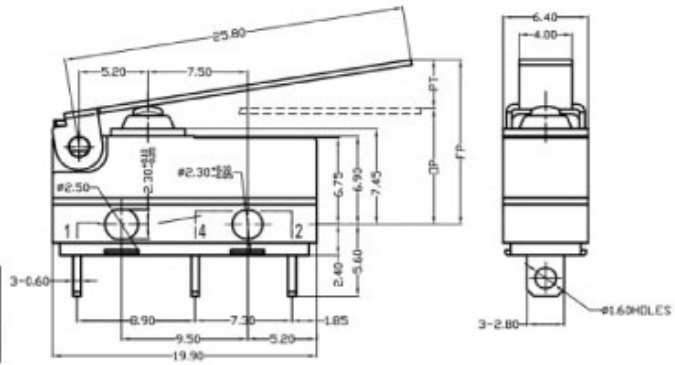


◆G9□□-□□□S03D1

◆G9□□-□□□S03D1



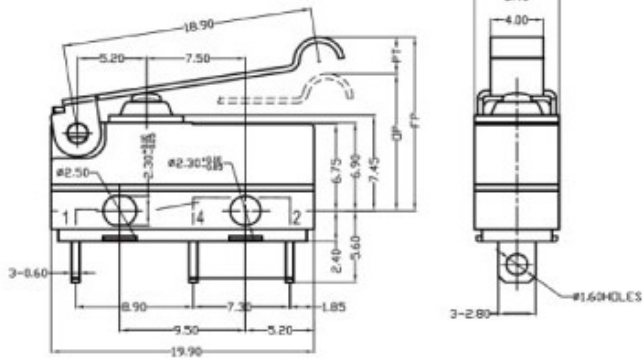
OF	RF	PT	OT	DT	FP	OP
Max. (gf)	Min. (gf)	Max. (mm)	Min. (mm)	Max. (mm)	Max. (mm)	(mm)
-150	40	5	6.3	1.0	1.0	13.5
-200	55	8	6.3	1.0	1.0	13.5



◆G9□□-□□□S05D1



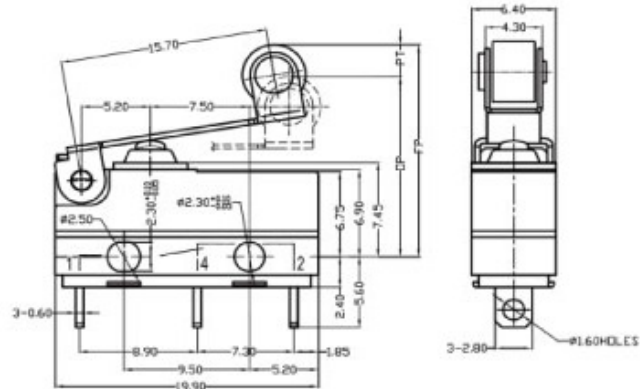
OF	RF	PT	OT	DT	FP	OP
Max. (gf)	Min. (gf)	Max. (mm)	Min. (mm)	Max. (mm)	Max. (mm)	(mm)
-150	50	6	4.6	0.7	0.8	15.5
-200	75	12	4.6	0.7	0.8	15.5



◆G9□□-□□□S06D1



OF	RF	PT	OT	DT	FP	OP
Max. (gf)	Min. (gf)	Max. (mm)	Min. (mm)	Max. (mm)	Max. (mm)	(mm)
-150	65	10	4.3	0.6	0.7	17.5
-200	85	15	4.3	0.6	0.7	17.5



◆G9□□-□□□E00W1



OF	RF	PT	OT	DT	FP	OP
Max. (gf)	Min. (gf)	Max. (mm)	Min. (mm)	Max. (mm)	Max. (mm)	(mm)
-150	150	30	1.2	0.6	0.2	9.4
-300	300	70	1.2	0.6	0.2	9.4

