

G5系列 Series-G5W

密封型防水防塵微動開關 Sealed Micro Switch



■特點/Features

- ◆防水防塵設計,可以在會淋水或多塵埃的地方使用.
- ◆結構緊湊, 具有微小觸點間隙, 快速動作、高靈敏度和微小動作行程的特點
- ◆長壽命, 高精度、高可靠性,安裝和G5系列相同.
- ◆可在汽車、農業機械、大型家電、辦公設備等有耐環境性要求的場合使用
- ◆最大ENEC/UL認證電流達10A

- Water Proof and Dust Proof
- Tight Structure、Small Contact Gap
Snap Action、High Sensitivity
- Long Life,high Precision and Reliability
- Widely used in Auto、Agricultural Equipment、Applications,Office Equipment etc
- Max Approved Current at ENEC/UL is 10A

■應用/Application

- ◆家用電器
- ◆電子設備
- ◆自動化設備
- ◆汽車電子
- ◆農業機械
- ◆辦公設備

- Home Appliances
- Electronic Devices
- Automatic Equipments
- Auto Electronics
- Agricultural Equipments
- Office Equipments

■特性參數/Parameters:

額定值Rating	W1	ENEC 0.1A 48VDC, 0.1A 125/250VAC, 40T85, 5E4, u UL 0.1A 48VDC, 0.1A 125/250VAC, T85
	W2	ENEC: 5A 125/250VAC, 5A, 30VDC, 40T85, 5E4, u UL: 5A 125/250VAC, 5A 30VDC T85
	W3	ENEC 10(2)A 125/250VAC, 0.5A 125VDC, 0.25A 250VDC, 40T85, u, 2E4 UL 10.1A 1/10HP 125/250VAC, 0.5A 125VDC, 0.25A 250VDC, T85
容許操作頻率 Operating Frequency	電氣Electrical	10~30次/分 times/min
	機械Mechanical	60次/分 times/min
接觸電阻 (初始值) Contact Resistance(Initial Value)	端子型with terminal type	最大50mΩ; 50mΩ Max
	導線型with wire type	最大100mΩ; 100mΩ Max (取決於導線的長短/Depends on the length of the wire)
絕緣電阻Insulation Resistance		在500VDC 時/at 500VDC, 100MΩ Min.
抗電強度Dielectric Strength	同極端子間 Between terminals	AC 1000V 50~60Hz 1min
	端子外殼間 Between terminals and housing	AC 1500V 50~60Hz 1min
保存溫度Storage Temperature		-40° C ~ +85° C
保存濕度Storage Humidity		85%RH Max
保護結構Protection Grade	端子型 With terminal type	IEC IP67 (端子部除外exclude terminal)
	導線型 With wire type	IEC IP67
防觸電保護級Electric-shock safeguard grade		Class II
PTI (漏電特性)		250
壽命Life	電氣E-life	2萬次 ~ 10萬次以上 (取決於類型) 2E4 ~ 10E4 cycles(depends on P/Ns)
	機械M-life	100萬次以上 (60次/分Times/min) ; over 1,000,000cycles(60cycles/min)
單重Unit Net Weight		約7g (端子型、不帶手柄) Approx. 7g(with terminal type and without lever)

■訂貨指引 Ordering Instruction

參見第14頁/ Refer to Page 14

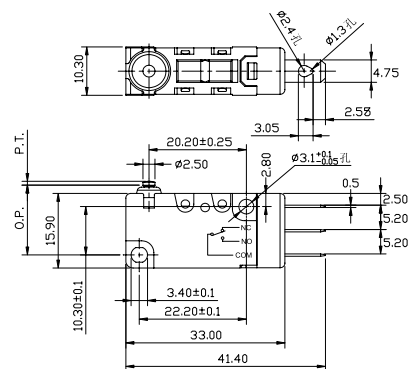
◆外形尺寸和操作特性 Dimensions and Operating Characteristics

(单位/Unit:mm)

◆G5W11-E□□-W□



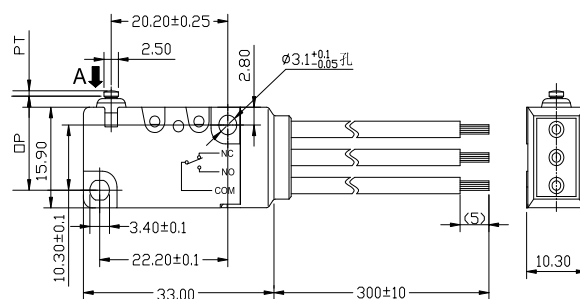
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	(N)	(gf)	(N)	(gf)				
G5W11-EZ015-W□	0.30	30	0.05	5	1.6	0.8	0.4	14.7 ± 0.5
G5W11-EZ025-W□	0.40	40	0.10	10	1.6	0.8	0.4	14.7 ± 0.5
G5W11-EZ050-W□	0.64	65	0.15	15	1.6	0.8	0.4	14.7 ± 0.5
G5W11-EZ100-W□	1.08	110	0.35	35	1.6	0.8	0.4	14.7 ± 0.5
G5W11-EZ200-W□	2.06	210	0.60	60	1.6	0.8	0.4	14.7 ± 0.5



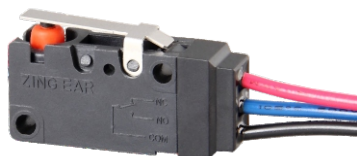
◆G5W11-W□□-W□



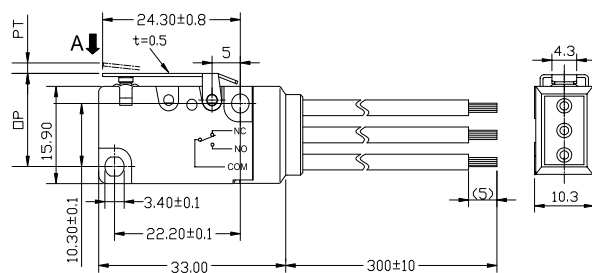
型号 Part No.	OF Max.		RF Min.		PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	OP (mm)
	(N)	(gf)	(N)	(gf)				
G5W11-WZ015-W□	0.30	30	0.05	5	1.6	0.8	0.4	14.7 ± 0.5
G5W11-WZ025-W□	0.40	40	0.10	10	1.6	0.8	0.4	14.7 ± 0.5
G5W11-WZ050-W□	0.64	65	0.15	15	1.6	0.8	0.4	14.7 ± 0.5
G5W11-WZ100-W□	1.08	110	0.35	35	1.6	0.8	0.4	14.7 ± 0.5
G5W11-WZ200-W□	2.06	210	0.60	60	1.6	0.8	0.4	14.7 ± 0.5



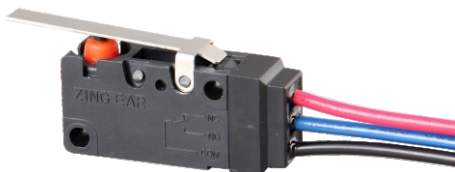
◆G5W11-W□□A01-W□



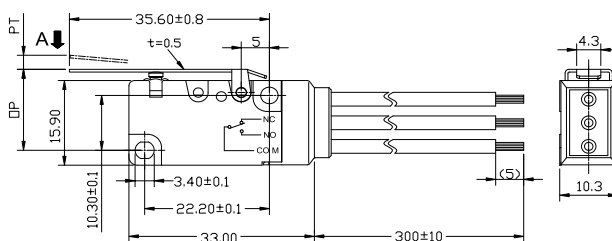
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	(N)	(gf)	(N)	(gf)				
GSW11-WZ015A01-W	0.30	30	0.05	5	1.6	0.8	0.4	15.3 ± 0.5
GSW11-WZ025A01-W	0.40	40	0.10	10	1.6	0.8	0.4	15.3 ± 0.5
GSW11-WZ050A01-W	0.64	65	0.15	15	1.6	0.8	0.4	15.3 ± 0.5
GSW11-WZ100A01-W	1.08	110	0.35	35	1.6	0.8	0.4	15.3 ± 0.5
GSW11-WZ200A01-W	2.06	210	0.59	60	1.6	0.8	0.4	15.3 ± 0.5



◆G5W11-W□□A02-W□



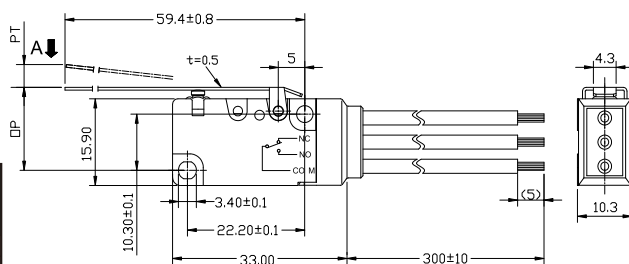
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	(N)	(gf)	(N)	(gf)				
G5W11-WZ015A02-W□	0.20	20	0.05	5	3.2	1.3	1.2	15.3 ± 1.5
G5W11-WZ025A02-W□	0.25	25	0.08	8	3.2	1.3	1.2	15.3 ± 1.5
G5W11-WZ050A02-W□	0.40	40	0.15	15	3.2	1.3	1.2	15.3 ± 1.5
G5W11-WZ100A02-W□	0.64	65	0.25	25	3.2	1.3	1.2	15.3 ± 1.5
G5W11-WZ200A02-W□	1.27	130	0.35	35	3.2	1.3	1.2	15.3 ± 1.5



◆G5W11-W□□A03-W□



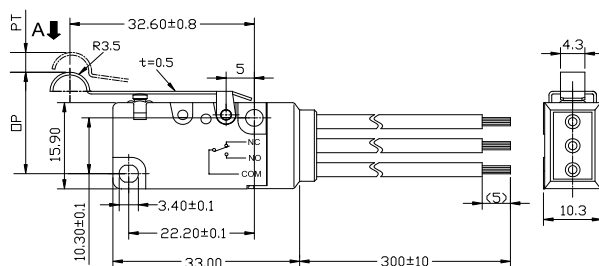
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	(N)	(gf)	(N)	(gf)				
G5W11-WZ015A03-W□	0.10	10	0.03	3	6.4	2.6	2.4	15.3±3
G5W11-WZ025A03-W□	0.15	15	0.05	5	6.4	2.6	2.4	15.3±3
G5W11-WZ050A03-W□	0.20	20	0.08	8	6.4	2.6	2.4	15.3±3
G5W11-WZ100A03-W□	0.35	35	0.10	10	6.4	2.6	2.4	15.3±3
G5W11-WZ200A03-W□	0.64	65	0.15	15	6.4	2.6	2.4	15.3±3



◆G5W11-W□□A04-W□



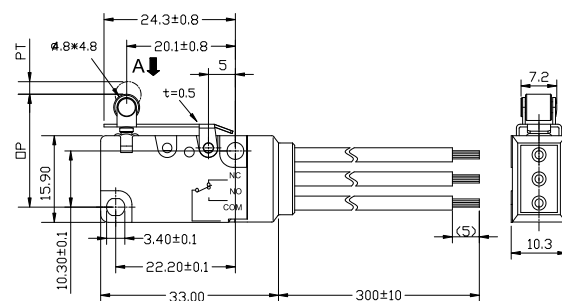
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	(N)	(gf)	(N)	(gf)				
G5W11-WZ015A04-W□	0.20	20	0.05	5	3.2	1.3	1.2	18.5±1.5
G5W11-WZ025A04-W□	0.25	25	0.08	8	3.2	1.3	1.2	18.5±1.5
G5W11-WZ050A04-W□	0.40	40	0.15	15	3.2	1.3	1.2	18.5±1.5
G5W11-WZ100A04-W□	0.64	65	0.25	25	3.2	1.3	1.2	18.5±1.5
G5W11-WZ200A04-W□	1.27	130	0.35	35	3.2	1.3	1.2	18.5±1.5



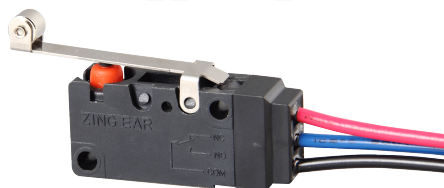
◆G5W11-W□□A05-W□



型号 Part No.	OF Max.		RF Min.		PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	OP (mm)
	(N)	(gf)	(N)	(gf)				
G5W11-WZ015A05-W□	0.30	30	0.05	5	1.6	0.8	0.4	20.6±0.8
G5W11-WZ025A05-W□	0.40	40	0.10	10	1.6	0.8	0.4	20.6±0.8
G5W11-WZ050A05-W□	0.64	65	0.15	15	1.6	0.8	0.4	20.6±0.8
G5W11-WZ100A05-W□	1.18	120	0.35	35	1.6	0.8	0.4	20.6±0.8
G5W11-WZ200A05-W□	2.35	240	0.59	60	1.6	0.8	0.4	20.6±0.8



◆G5W11-W□□A06-W□



型号 Part No.	OF Max.		RF Min.		PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	OP (mm)
	(N)	(gf)	(N)	(gf)				
G5W11-WZ015A06-W□	0.20	20	0.05	5	3.2	1.3	1.2	20.6±1.6
G5W11-WZ025A06-W□	0.25	25	0.08	8	3.2	1.3	1.2	20.6±1.6
G5W11-WZ050A06-W□	0.40	40	0.15	15	3.2	1.3	1.2	20.6±1.6
G5W11-WZ100A06-W□	0.64	65	0.25	25	3.2	1.3	1.2	20.6±1.6
G5W11-WZ200A06-W□	1.27	130	0.35	35	3.2	1.3	1.2	20.6±1.6

