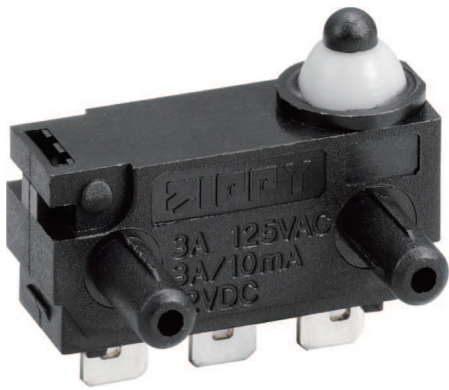


WATER PROOF SWITCHES



DW SERIES

SPECIFICATIONS

Contact Resistance(initial)

Max. 100 mΩ

Measured by ohm meter - open voltage <1 VDC, driver current -100 mA

Insulation Resistance(at 250 VDC / minute)

Min. 100 MΩ

Dielectric Strength

150 VAC(50~ 60 Hz)

Storage Temperature Range

-40°C to 85°C (with no icing)

Operating Temperature Range

-40°C to 85°C (with no icing)

Storage Humidity

At 40°C , Max. 85% R.H

Vibration

10~55 Hz, displacement 0.75 mm(p-p)

Electrical Service Life

10 mA - Min. 500,000 operations

3A - Min. 6,000 operations

Electrical Operating Frequency

10mA-120 operations per minute

3A-10~30 operations per minute

Mechanical Service Life

Min. 500,000 operations

Mechanical Operating Frequency

120 operations per minute

APPLICATIONS

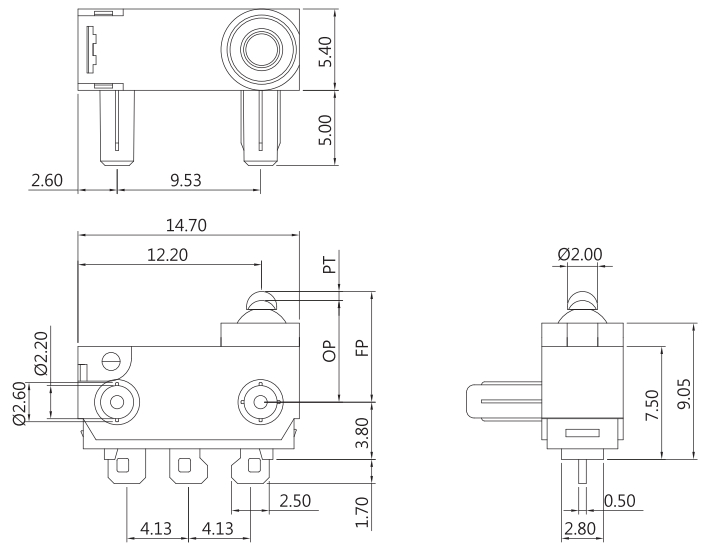
Automotive (Seat Belt, Door Latch, Engine Hood, Door Trunk), Air Conditioner, Communication, Security System, Electric Tooth Brush, Toy

CERTIFICATE INFORMATION

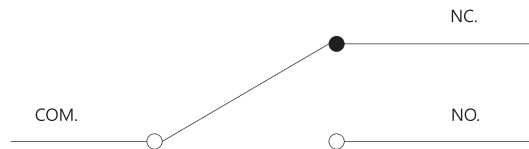
Model Name	UL, cUL	ENEC14
DW-N2S	10 mA 12 VDC (Temp65°C), Min. 10,000 operations	10 mA 12 VDC, μ 5E5
DW-N3S	3 A 12 VDC (Temp65°C) Min. 100,000 operations 3 A 125 VAC (Temp65°C) Min. 6,000 operations	3 A 12 VDC, μ 1E5

DIMENSIONS

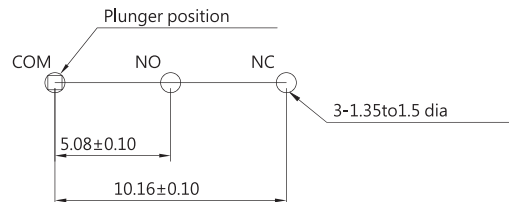
Unless otherwise specified, a tolerance of ±0.4mm applies to all dimensions.



CONTACT CONFIGURATION



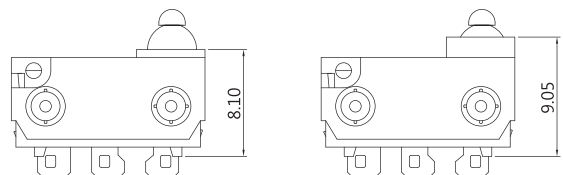
MOUNTING HOLES FOR PCB TERMINAL



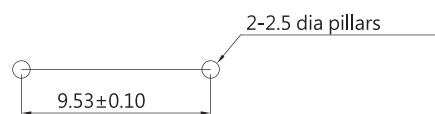
TRAVEL TYPES

LONG TRAVEL

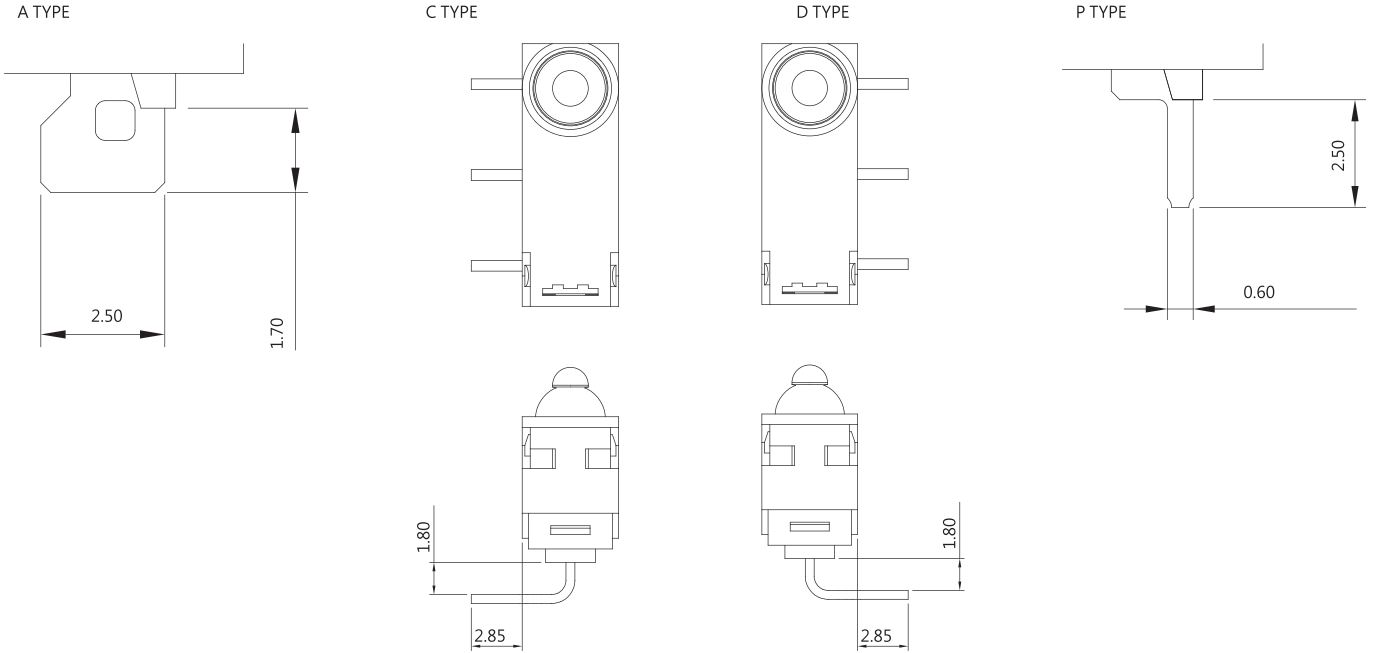
SHORT TRAVEL



PILLAR PITCH

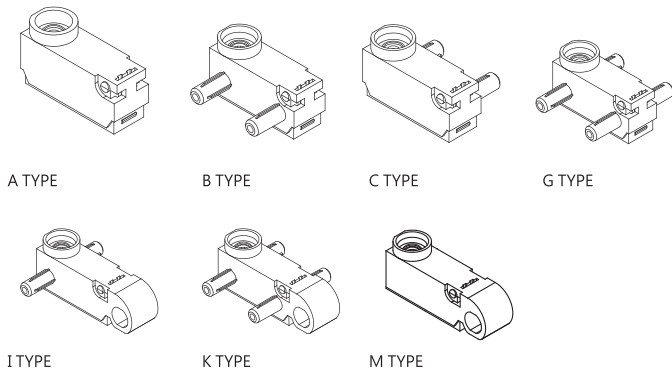


TERMINAL TYPES (THE thickness of each terminal is 0.5mm)

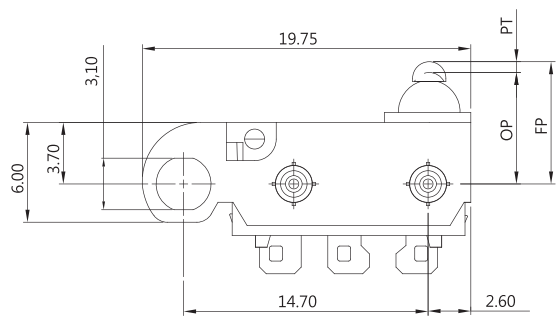
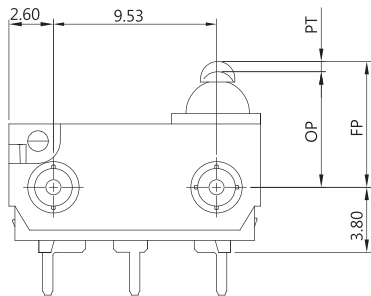
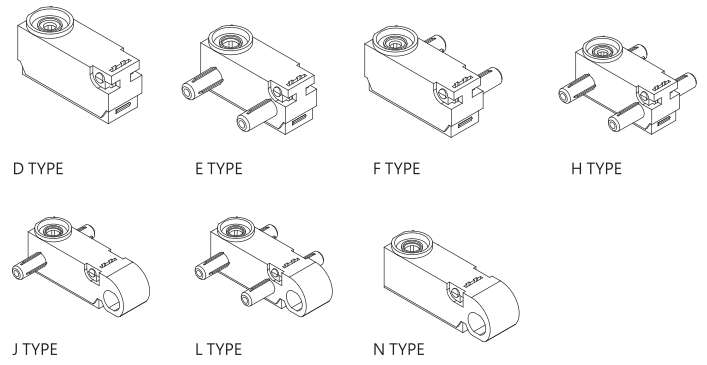


COVER TYPES (PILLAR & TRAVEL TYPES)

SHORT TRAVEL



LONG TRAVEL



ORDERING INFORMATION

D	W	-	N	2	S	-	0	1	A	0	A	-	0	A	-	Z																																																																								
SERIES PREFIX	CODE	RATING CURRENT	CODE	OPERATING FORCE	CODE	ACTUATOR TYPE	CODE	TERMINAL TYPE	CODE	CIRCUIT ARRANGEMENT	CODE	PILLAR & TRAVEL TYPE	SPECIAL CODE	ROHS CODE	DIMENSIONS																																																																									
	N2	10mA 12VDC Contact Plated Gold and Terminal Plated Silver	S	STANDARD	00		A		0	S.P.D.T	A																																																																													
	N3	3A 12VDC 3A 125VAC Terminal Plated Silver and Contact is Silver			01		C		1	S.P.S.T NO ONLY TERMINAL TYPE C D P	B				<table border="1"> <thead> <tr> <th>CODE</th> <th>L1</th> <th>H</th> <th>ΦA</th> <th>ΦB</th> <th>ΦC</th> <th>ΦD</th> <th>P</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>2.0</td> <td>3.7</td> <td>2.2</td> <td>2.6</td> <td>2.2</td> <td>2.6</td> <td>9.53</td> </tr> <tr> <td>B</td> <td>3.5</td> <td>3.7</td> <td>2.2</td> <td>2.6</td> <td>2.2</td> <td>2.6</td> <td>9.53</td> </tr> <tr> <td>C</td> <td>2.8</td> <td>3.75</td> <td>2.7</td> <td>3.1 (THREE RIBS)</td> <td>2.2</td> <td>2.6</td> <td>9.53</td> </tr> <tr> <td>D</td> <td>4.0</td> <td>3.7</td> <td>2.2</td> <td>2.6</td> <td>2.2</td> <td>2.6</td> <td>9.53</td> </tr> <tr> <td>E</td> <td>0.9</td> <td>3.7</td> <td>2.2</td> <td>N/A</td> <td>2.2</td> <td>N/A</td> <td>9.53</td> </tr> <tr> <td>F</td> <td>1.8</td> <td>3.7</td> <td>2.5</td> <td>N/A</td> <td>2.5</td> <td>N/A</td> <td>9.53</td> </tr> <tr> <td>G</td> <td>5.0</td> <td>3.7</td> <td>2.4</td> <td>2.8</td> <td>2.4</td> <td>2.8</td> <td>8.0</td> </tr> <tr> <td>H</td> <td>1.5</td> <td>3.7</td> <td>3.0</td> <td>N/A</td> <td>3.0</td> <td>N/A</td> <td>9.53</td> </tr> </tbody> </table>		CODE	L1	H	ΦA	ΦB	ΦC	ΦD	P	A	2.0	3.7	2.2	2.6	2.2	2.6	9.53	B	3.5	3.7	2.2	2.6	2.2	2.6	9.53	C	2.8	3.75	2.7	3.1 (THREE RIBS)	2.2	2.6	9.53	D	4.0	3.7	2.2	2.6	2.2	2.6	9.53	E	0.9	3.7	2.2	N/A	2.2	N/A	9.53	F	1.8	3.7	2.5	N/A	2.5	N/A	9.53	G	5.0	3.7	2.4	2.8	2.4	2.8	8.0	H	1.5	3.7	3.0	N/A	3.0	N/A	9.53
CODE	L1	H	ΦA	ΦB	ΦC	ΦD	P																																																																																	
A	2.0	3.7	2.2	2.6	2.2	2.6	9.53																																																																																	
B	3.5	3.7	2.2	2.6	2.2	2.6	9.53																																																																																	
C	2.8	3.75	2.7	3.1 (THREE RIBS)	2.2	2.6	9.53																																																																																	
D	4.0	3.7	2.2	2.6	2.2	2.6	9.53																																																																																	
E	0.9	3.7	2.2	N/A	2.2	N/A	9.53																																																																																	
F	1.8	3.7	2.5	N/A	2.5	N/A	9.53																																																																																	
G	5.0	3.7	2.4	2.8	2.4	2.8	8.0																																																																																	
H	1.5	3.7	3.0	N/A	3.0	N/A	9.53																																																																																	
					04		D		2	S.P.S.T NC ONLY TERMINAL TYPE C D P	C																																																																													
							P				G																																																																													
											I																																																																													
											K																																																																													
											M																																																																													
											D																																																																													
											E																																																																													
											F																																																																													
											H																																																																													
											J																																																																													
											L																																																																													
											N																																																																													

OPERATING CHARACTERISTICS

SWITCH TYPE	PART SUFFIX	OF Max (gf)	OP (mm)	PT Max (mm)	OT Min (mm)	MD Max (mm)	FP Max (mm)	RF Min (gf)
DW- □□ S-00A0-Z		S	130	0.8	0.8	0.3	3.65	13
							7.35	
DW- □□ S-01A0-Z		S	195	3.85	1.35	0.5	7.0	55
							10.7	
DW- □□ S-04A0-Z		S	160	4.8	1.65	0.7	10.1	45
							13.8	