



W. Schmid AG

LED-Technology
the visible difference

PS001 Serie



Feature -

SPST, momentary function
snap in panel mount installation
bi-color LED illuminated available

Application -

automotive industry
computer products
office appliances
communication equipments

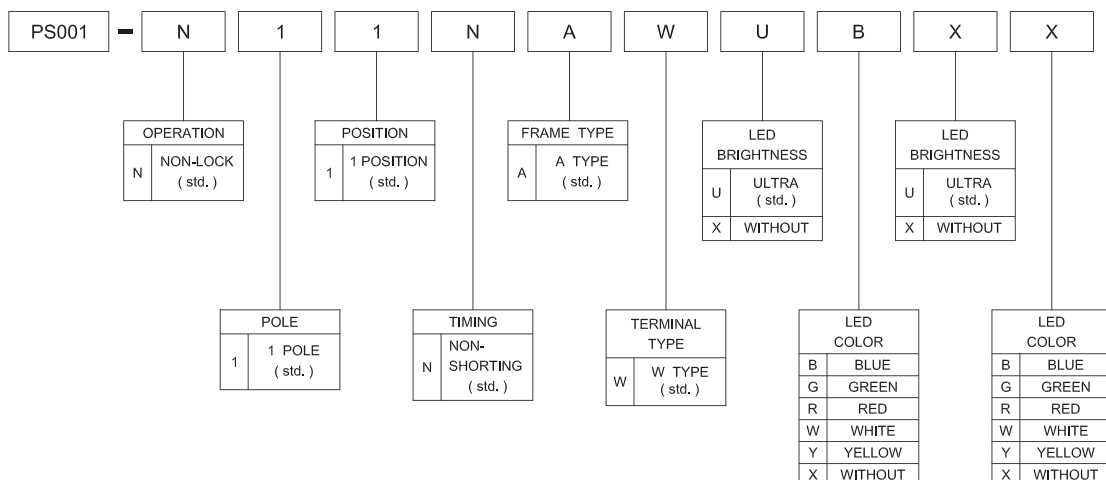
► SPECIFICATIONS

Switch Specifications	
POLE - POSITION	Momentary Type , SPST with LED
CONTACT RATING	30 V DC , 0.1 A
CONTACT RESISTANCE	50 mΩ MAX. 1.5 V DC ; 100 mA , by Method of Voltage DROP
INSULATION RESISTANCE	100 MΩ MIN. 500 V DC
DIELECTRIC STRENGTH	Breakdown is not Allowable ; 500 V AC for 1 Minute
OPERATING FORCE	250 ± 100 gf
OPERATING LIFE	50,000 cycles
OPERATING TEMPERATURE RANGE	-40°C ~ 85°C
TOTAL TRAVEL	1.3 ± 0.3 mm

LED Specifications							
	ATTENTION LEDs are Electrostatic Sensitive devices		Unit	Value / LED Color			
				Blue	Green	Red	Yellow
FORWARD CURRENT	If	mA	20	20	20	20	
REVERSE VOLTAGE	Vr	V	5.0	5.0	5.0	5.0	
REVERSE CURRENT	Ir	μA	10	10	10	10	
FORWARD VOLTAGE@20mA	Vf	V	3.3-4.0	2.1-2.5	2.0-2.5	2.0-2.5	
LUMINOUS INTENSITY@20mA	Iv	mcd	1300	700	900	700	

■ Physical and electrical information of LED will be provided upon customer's request on switches .

► HOW TO ORDER



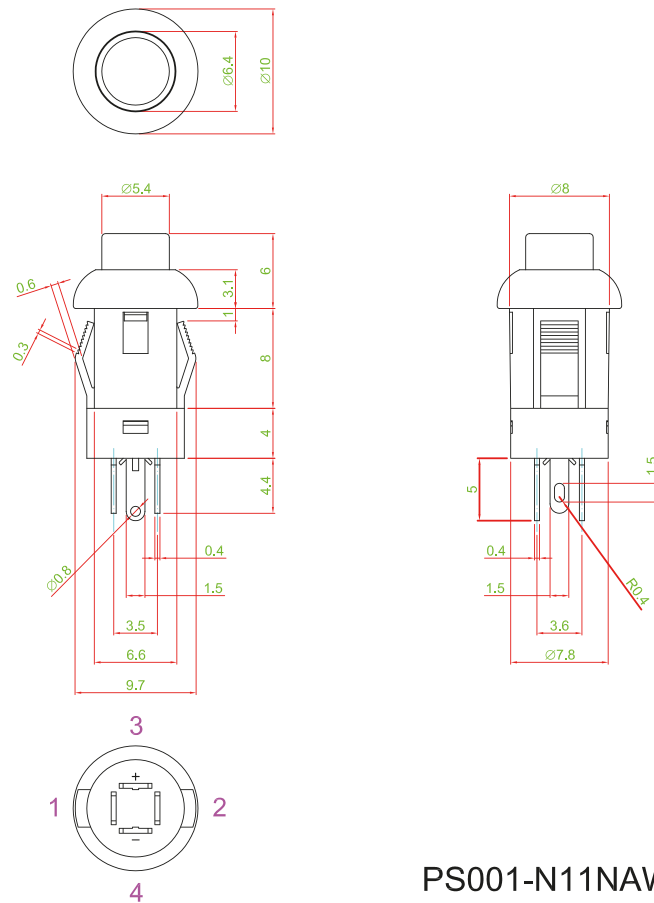


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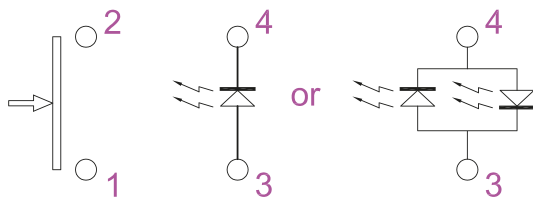
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► Dimension

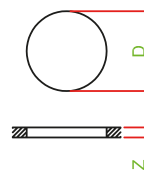


PS001-N11NAW ☐ ☐ ☐ ☐

► Circuit



► Panel Cutout



Z	D
1.0 ~ 2.0	8.0 ~ 8.2
2.0 ~ 2.5	8.2 ~ 8.4
2.5 ~ 3.0	8.4 ~ 8.6

► Material

- COVER : PA + GF
- BASE FRAME : PA + GF
- ACTUATOR : PC
- TERMINAL : BRASS GOLD FLASH