▶ Position Sensor

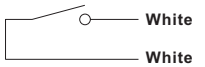
PS8-22 /23 / 25 / 30 / 31 Series

▶ Switch Specifications of 22 / 23 / 25 / 30 / 31 Series

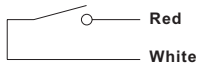
Characteristics \ Contact Type	Unit	(0) Normal Open	(1) High Power	(2) Normal Close	(3) Change Over	(8) High Voltage
• Contact Rating (max)	W	10	70	3	3	20
• Switching Voltage DC (max)	V	200	200	30	30	350
• Switching Voltage AC (max)	V	150	250	30	30	240
• Switching Current (max)	mA	500	1000	200	200	500
• Carry Current (max)	A	1.0	1.75	0.5	0.5	1.5
• Breakdown Voltage (min)	V	250	400	200	200	600
• Contact Resistance (max)	mΩ	120	150	200	200	120
• Operating Temperature (max)	°C	-20~80	-20~80	-20~80	-20~80	-20~80

▶ Switch Types

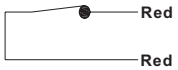
Table 1



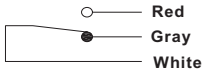
0 : Normal Open
A Type



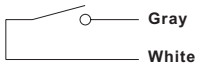
1 : Normal Open
A Type Hi Power



2 : Normal Close
B Type



3 : Change Over
C Type

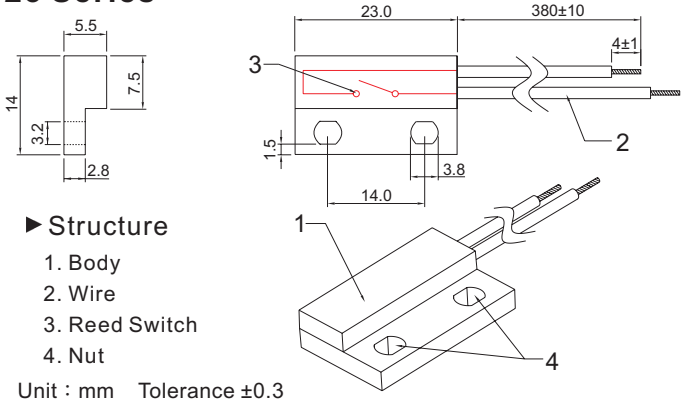


8 : Normal Open
A Type Hi Voltage

▶ Model Dimensions

Table 2

23 Series

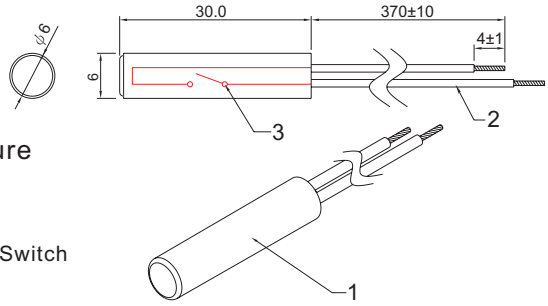


▶ Structure

1. Body
2. Wire
3. Reed Switch
4. Nut

Unit : mm Tolerance ±0.3

31 Series

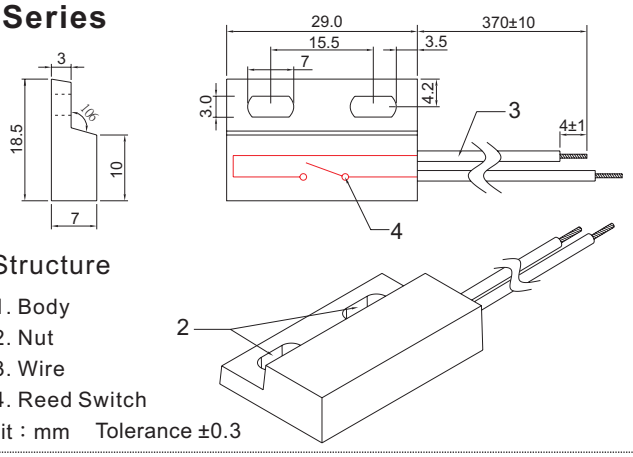


▶ Structure

1. Body
2. Wire
3. Reed Switch

Unit : mm Tolerance ±0.3

30 Series



▶ Structure

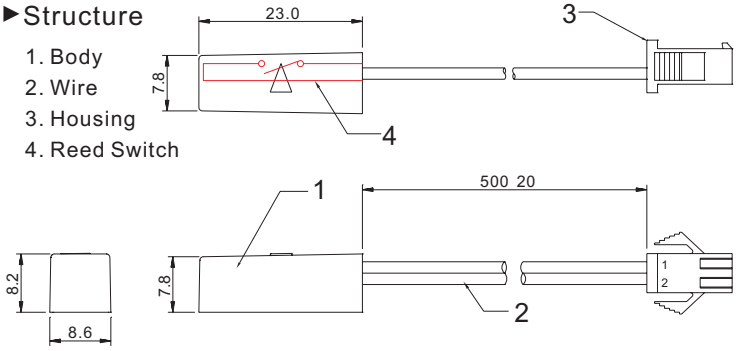
1. Body
2. Nut
3. Wire
4. Reed Switch

Unit : mm Tolerance ±0.3

PS8-22-0-W071

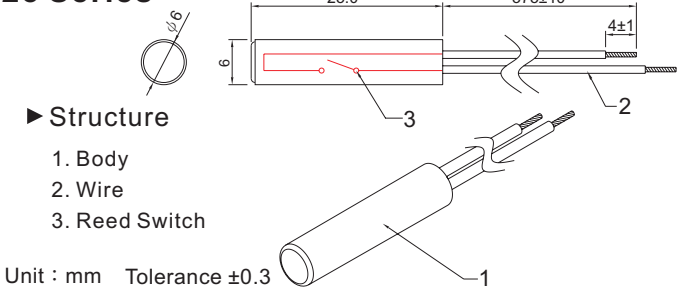
▶ Structure

1. Body
2. Wire
3. Housing
4. Reed Switch



Unit : mm Tolerance ±0.3

25 Series



▶ Structure

1. Body
2. Wire
3. Reed Switch

Unit : mm Tolerance ±0.3

▶ Ordering Information

A Complete part number is represented by the digits below :

PS8-XX-X - XX XX
❶ ❷ ❸

❶ : Model Number - Table 2 (23,25,30,31)

❷ : Switch Type - Table 1 (0,1,2,3)

- For 30
- For 25,30,31
- For 23,25,30,31

❸ : Wire Specifications - Table 3 - Material(PV=PVC ; PF=PVDF)
- Series(NO= Tinned leads ; CN=Cont)

☆☆☆ **The wires are not aligned at the end** ☆☆☆