

REV : A	PRODUCT SPECIFICATION	Technology department	PAGE : 1
		Product model:SEN-SZ06NA	
1. Range of application			
This regulation applies to water valves used in water purifiers and toilet seats			
2. Construction and Appearance			
1) There are no harmful defects in appearance, no dirt, etc			
2) Construction and size patterns are subject to drawing specifications.			
3) Assembly in good condition, smooth operation, no bad.			
3. character			
3-1. Rated operating voltage : DC24V ±10%			
3-2. Rated current:240±40mA (DC24V) (About testing, normal temperature 20℃)			
3-3.Use of water pressure : 0.35 kg/㎠ ~ 8..0 kg/㎠			
3-4. Water : Clean tap water without impurities, groundwater 3-5. Service water temperature : 1℃ ~50℃			
3-6. Permissible ambient temperature : below 40℃			
4-1			
4.			
Performance			
Using water pressure (2kg/㎠ ± 5%) ;			
Every minute of flow range:>3.0L/MIN± 10%			
4-2. Lasting quality			
◆ PRESSURE : 4.2kg/㎠ ± 5%			
◆ water temperature : Below 50℃			
◆ CYCLE : 5sec ON / 5sec OFF			
- Under the above conditions, after 1000000 times of action, water leakage, voltage resistance, insulation resistance performance is not abnormal			
4-3. Voltage of operation			
◆ Normally closed valve FEED check pressure: 8.0kgf/㎠			
Under the above conditions, the rated voltage DC24V can work normally.			

REV : A	PRODUCT SPECIFICATION	Technology department	PAGE : 2
		Product model:SEN-SZ06NA	

4-4. Insulation resistance

Before the temperature rise test, the insulation resistance of DC500V was measured by adding DC500V to the rear charging part and the charged metal part.

4-5.Electrical insulation test voltage

The charging part and the charged metal part are charged with 1800VAC1 second voltage, no abnormality. (Leakage current within 0.5mA)

4-6.Rise in temperature

- ◆ Ambient temperature: normal temperature
- ◆ Voltage of induction: DC24V

Under the above conditions, after 2 hours of continuous power, the resistance method is measured below 80K.

4-7. Resistance to hydraulic pressure

Not electricity, plus pressure 12 kg / cm² after 1 minute

There is no damage to the parts and no leakage outside

4-8. Cold resistance

- ◆ Temperature : -5℃ ± 2℃

Under the above conditions, after being placed in the CHAMBER for 120 hours, after being placed in the normal temperature and humidity for 3 hours, water leakage, insulation resistance and voltage resistance were measured, and no abnormality was found

4-9. Resistance to effect of heat

- ◆ Temperature : 70℃ ± 2℃

Under the above conditions, after 24 hours in the CHAMBER and 3 hours in the normal temperature and humidity conditions, the insulation resistance and voltage resistance were measured without any abnormality

4-10. Good moisture-resistant

- ◆ Temperature : 40℃ ± 2℃ , humidity : 90~95%

In the above condition, After 24 hours in the CHAMBER, remove moisture at room temperature, Water leakage, insulation resistance, voltage resistance measurement, no abnormality.

4-11. Vibration-resistance performance

- ◆ Amplitude : 1.5mm , Vibration cycle number: 10~55Hz

Under the above conditions, X,Y and Z vibrated for 2 hours in each direction. After the experiment, water leakage, insulation resistance and voltage resistance were measured, and no abnormality was found.

REV : A	PRODUCT SPECIFICATION	Technology department	PAGE : 3
		Product model:SEN-SZ06NA	

4-12. Fall down resistance

After packing it with BOX, drop test was carried out from a height of 1M in the direction of X,Y and Z. No abnormal water leakage, insulation resistance and voltage resistance were found.

4-13. Sanitation

There are no harmful sanitary defects in the materials that come into contact with water

5. Packaging and Marking

5- 1.Packing method

- 1) Normal package BOX
(410mm*210mm*210mm)

5-2. Method identifier expected

◆ Remarks:

Attached assembly drawing

(Can be customized:Electronic wire coil terminals can be rotated in 90 directions, So as to meet different structural coordination requirements;)

