

1. Minimum rated working voltage: DC4.5V-24V
- 2, maximum working current: 15 mA (DC 5V)
- 3, working voltage range: DC 4.5 ~ 25 V
- 4, load capacity: ≤ 10 mA (DC 5V)
- 5, the use of temperature range: $\leq 80^{\circ}\text{C}$
- 6, the use of humidity range: 35% ~ 90%RH (no frost state)
- 7, allowed pressure: water pressure 1.75Mpa below
- 8, storage temperature: $-25 \sim +80^{\circ}\text{C}$
- 9, storage humidity: 25% ~ 95%RH
- 1, output pulse high level: \geq DC 4.5V (Input voltage DC 5V)
- 2, output pulse low level: \leq DC 0.5V (Input voltage DC 5V)
- 3, precision (flow - pulse output) : $2 \sim 120$ L/min $\pm 2\%$
- 4, output pulse duty cycle: $50 \pm 10\%$
- 5, output rise time: $0.04 \mu\text{S}$
- 6, output drop time: $0.18 \mu\text{S}$
- 7, flow - pulse characteristics: level test pulse frequency (Hz)=[$0.45Q$] $\pm 10\%$ (level test) (Q is flow L/min)
- 8, impact resistance: the product is well packed, from 50cm height X, Y, Z direction free fall to the concrete surface without abnormal,
Accuracy changes within 10%.
- 9, insulation resistance: Hall sensor and the insulation resistance between the copper body more than 100Ω . (DC 500V)
- 10, heat resistance: placed 48h in $80 \pm 3^{\circ}\text{C}$ environment, return to normal temperature 1-2h without abnormal, and parts without cracks, relaxation, expansion, deformation and other phenomena, precision change within 10%.
- 11, cold resistance: placed 48h in $-20 \pm 3^{\circ}\text{C}$ environment, return to normal temperature 1-2h no abnormality, and parts no cracks, relaxation, expansion, deformation and other phenomena, precision change within 10%.
- 12, moisture resistance: at $40 \pm 2^{\circ}\text{C}$, relative humidity 90% ~ 95%RH environment placed 72h after removal, insulation resistance more than $1\text{M} \Omega$.
- 13, drawing strength: apply 10N tension on the leading line for 1 minute, no loosening, breaking phenomenon, and no change in performance.
- 14, durability: at room temperature, from the water inlet into 0.1MPa water pressure, to connect 1S, disconnect 0.5S as a cycle,
No abnormality was found in 300,000 tests.