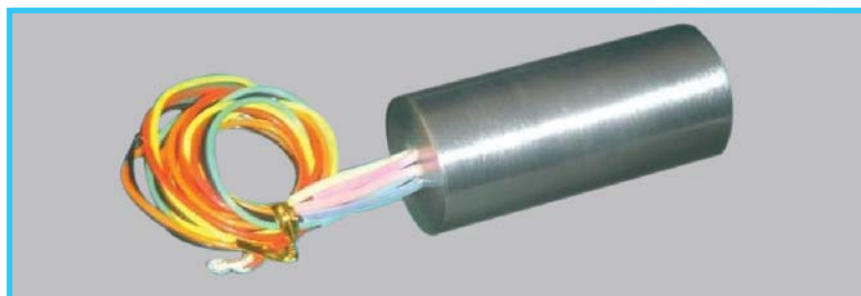


Venus Power Module



LEAD

Red line: Input power positive. **Black line:** Input power ground wire.

Green line: Output voltage control end. **Orange line:** HV output.

Main Technical Parameters

1. Operating temperature range: $-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$.

2. Input power voltage: (+VCC) $+0\text{V} \sim +18\text{V}$.

3. Input power current: Less than 150mA.

4. Input control voltage: $+0\text{V} \sim +\text{VCC}$.

5. Control voltage input resistance: 150K.

6. Output voltage: $0 \sim +1800\text{V}$.

7. Output current: 1mA.

8. Temperature stability: Max.: $\pm 40\text{PPM}/^{\circ}\text{C}$,
Typ.: $\pm 20\text{PPM}/^{\circ}\text{C}$.

9. Line regulation: $\pm 0.1\%$ (10% linear change).

10. Load regulation: ± 0.05 (50% load change).

11. Output ripple: 200mVp-p, Typ.: 100mVp-p.
(with a recommend filter: 5mVp-p, Typ.: 1mVp-p.)

12. Shock resistance: 25G, 0~300Hz.

SIZE

