

VR Slip Ring



| Electrical & Electronics | | Mechanical | | Environmental | |
|--------------------------|---|------------------|---|------------------|-------------|
| Number of Circuits | 2 circuits*1.5A/1 circuit*DC/ 2 circuits*4A1 circuit*HDMI/ 1 circuit*USB2.0 | Rotating Speed | 0~100 rpm | Temperature | -20°C~+60°C |
| Current | 4A | Contact Material | Gold-to-gold | Humidity | ≤60%RH |
| Voltage | 48V | Housing Material | Engineering plastic | Protection Grade | IP40 |
| Dielectric Strength | ≥200V@50Hz | Wire Type | AWG22#/AWG26# AWG28#/ AWG30#/USB2.0 /HDMI/DC | Others | |
| Insulation Resistance | ≥50MΩ@200V | | | Life Span | / |
| Electrical Noise | ≤15mΩ(Signal Ring) | Wire Length | Rotor: 250±5mm Stator: 250±5mm | | |

Features

- Transmission of HDMI signal, USB2.0 signal, electric signal.
- Double slip rings integration mechanism.

Advantages

- Integrate a variety of signals, of which HDMI signal transmission rate reaches 2K@90HZ (ultra clear video), leading domestically
- Independent research and development of HDMI elbow socket

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|-----------------------|--------------------------------------|
| Model | Applications |
| LPC-0104-0402-HD01-U2 | VR equipment; Treadmills; Game seats |

Outline drawings

