

LPA000-0780-0740-0915PE-0705PE-08S-FO12 Slip Ring features high working voltage, withstand high sealing pressure and anti-explosion.

An integrated slip ring solutions that enable a safe and reliable 360-degree constantly rotary transmission of power, signals, gas and fluid.

**Significance:**

1. To enhance the technology standard of slip ring for mining equipment.
2. This slip ring has gone through high sealing pressure test. Provides precious experience for enhancing wire sealing.
3. Provide practical and powerful slip ring solutions for the electric oil drilling system.



**Technical Breakthrough:**

1. Enable a reliable 360-degree rotary high voltage transmission in a compact structure.
2. Rid of sealing problems caused by wire leads going through drill rod.
3. Anti-explosion features.

| Electronic & Electric |        |   | Mechanical       |   |
|-----------------------|--------|---|------------------|---|
| Circuits              | Total  | 44CKT                                   | Working Speed    | 0~10rpm                                 |
|                       | Detail | 9x100A+4x55A+9x25A+5x15A+4xsignal+12xFO | Contact Material | High-end Copper Graphite/Precious Metal |
| Rating Voltage        |        | 3200VAC/240AC/24VDC                     | Housing          | Stainless steel 316                     |
| Dielectric Strength   |        | 7000VAC@50Hz(P)<br>300VAC@50Hz(S)       | Lead Wire Length | Stator:(undetermined)<br>Rotor:3.6m     |
| Insulation Resistance |        | ≥1000MΩ@1000VDC(P)<br>≥100MΩ300VDC(S)   | A hole diameter  | /                                       |
| Environment           |        |   | Remarks          |   |
| Working Temperature   |        | -18°C~+45°C                             | Application      | Marine Crane                            |
| Working Humidity      |        | ≥100%RH                                 | Other            | /                                       |
| IP                    |        | IP56                                    |                  |   |