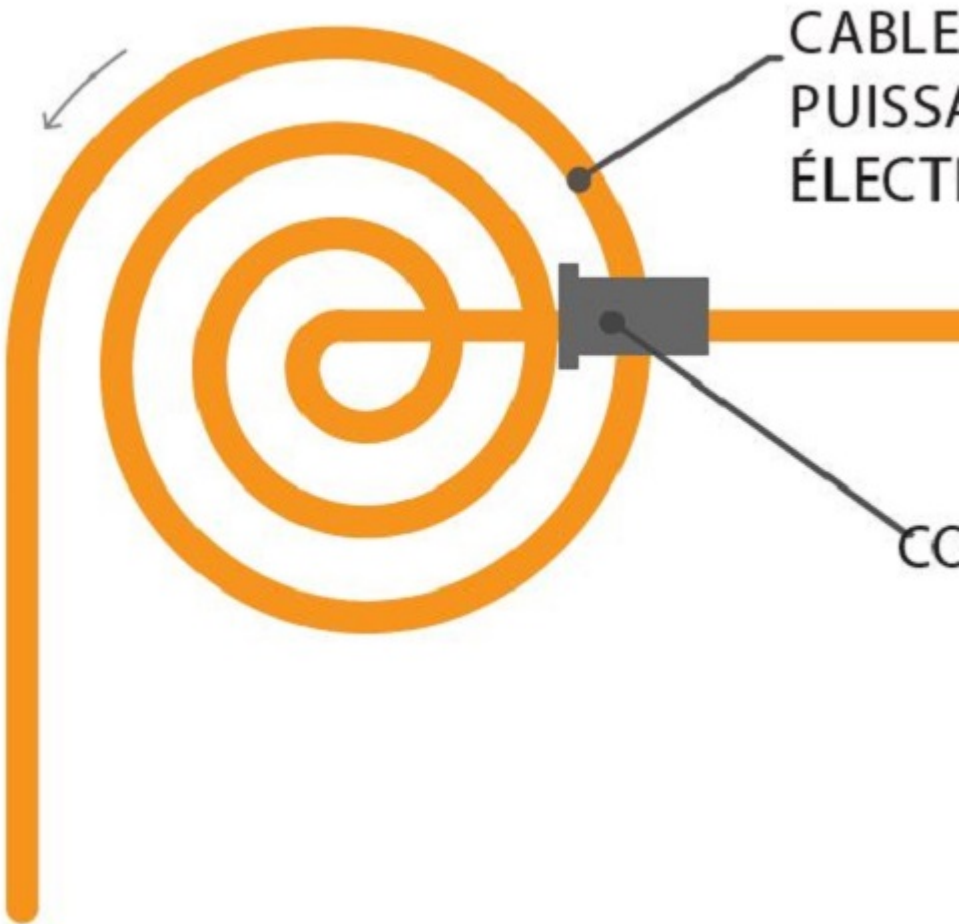


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Solutions | Rotary Union | Slip ring and Rotary Unions for Hose/Cable Reels



The common link, regardless of the final application, is the use of a Slip Ring or different kind of fluids; instead, in case of high-frequency signals, high data achieved with a fiber optic rotary joint. Our product range can cover nearly all from pressurized air to hydraulic oil for rotary union. Our standard solutions also and hose pipes are mixed.

Electrical Features

- Motor power and control through standard or proprietary cables
- Automation component supply and signals (I/Os, EtherCAT, Ethernet, Profinet, CANOpen, etc.)
- Sensors (RF, digital)
- Video signal (coaxial, optical, Ethernet-based)
- Transfer power up to 60kW (low contact impedance)

Mechanical Features

- Low friction torque
- Various mounting options
- Compact size

Interesting Options

- IP65 and stainless steel design for harsh environment
- Integrated proprietary cables
- Integrated anti-condensation system
- Combination with rotary unions for hosepipe integration

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Advantages

- Long lifetime without maintenance
- Reliable continuous rotation
- Special proprietary cable integration
- Rugged design options



Benefits

- Low maintenance
- Increase equipment reliability
- Competitive product range



Facts & Figures

- With a **medium speed of 5 rpm** a slip ring (multi-wire brushes design) can operate at least **20 years** without being replaced
- **Power signals** and **sensors or control signals** (Field bus, motor encoder, etc.) can be embedded in the **same slip ring**