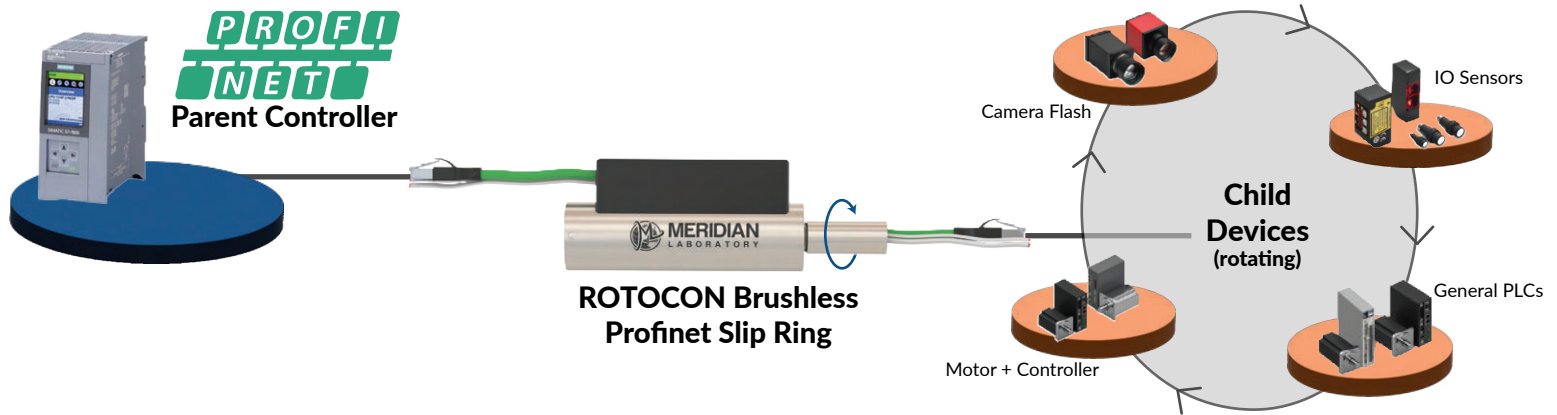


ROTOCON Brushless Slip Rings deliver flawless Profinet transmission

Meridian Laboratory's Profinet Slip Rings are designed to provide seamless and dependable Profinet transmission for industrial and automation applications that demand precision and reliability. ROTOCON brushless slip rings are engineered to support high-speed, real-time Profinet communication while simultaneously managing power I/O—all within a single assembly, without interference.



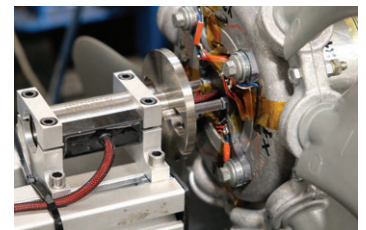
Proven Reliability: Zero Bit Errors, Zero Packet Loss

Meridian Laboratory's Profinet Slip Rings undergo rigorous testing to guarantee zero bit errors and zero packet loss, whether in stationary or rotational operation. This makes them ideal for demanding industrial environments, including rotating machinery, robotics, and automated manufacturing systems. With ROTOCON Profinet slip rings, you achieve continuous, uninterrupted data transmission, ensuring real-time communication without delays or failures.

Maintenance-Free Design for Superior Performance



Unlike traditional slip rings, ROTOCON brushless slip rings require zero maintenance, eliminating the need for routine upkeep, reducing downtime, and lowering operational costs. Their durable, long-lasting design ensures maximum efficiency and reliability, making them the ideal choice for industries where uptime, precision, and consistency are crucial.



Versatile Compatibility with Industrial Protocols

In addition to Profinet, ROTOCON brushless slip rings support a wide range of industrial communication protocols, including:

- EtherCAT
- PROFIBUS
- CC-Link IE
- MECHATROLINK-III
- EtherLink
- Modbus TCP/IP
- SERCOS III
- ControlNet
- EtherNet/IP
- Powerlink
- SynqNet
- RS485, RS432, RS422

Any Ethernet-based or similar communication protocol!

ROTOCON Brushless Slip Rings



ROTOCON Slip Rings + Rotary Union Combination



ROTOCON Slip Rings + Fiber Optic Rotary Joint Integrations

