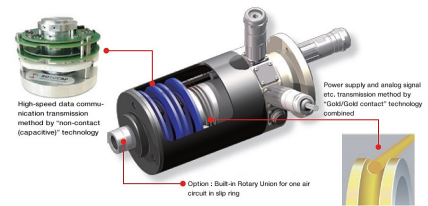


SEAL TECH INC.

「ROTOCAP」 -GAT® Slip Ring for MECHATROLINK-III

Features

- Non-contacting, capacitive data transmission for 100Mbps Fast Ethernet
- Maintenance-free slip ring
- Combined with contacting gold/gold technology for power supply etc.
- For all standard 100BASE-TX protocols
- High resistance against EMI and ESD



ROTOCAP series

Specifications

Item	Specifications
Housing outer diameter	φ160mm
Supported protocols	100BASE-TX (Fast Ethernet, EtherCAT, Profinet, POWERLINK, Sercos III, MECHATROLINK-III)
Bit error rate max.	$<1 \times 10^{-12}$
Latency [μs]	$<2\mu\text{s}$
Operating temperature	-40°C to +80°C
Supply voltage [VDC]	5, 12, 24VDC
Typical life span	Non-contacting portion / Maintenance-free Gold / Gold contact portion / 100 mil. Rotations
Protection class	IP64 (standard) up to IP65
Option	One air channel available in slip ring unit

Contact Information

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